## **Product Datasheet**

### BACE-1 Antibody (137612) [Alexa Fluor® 647] FAB931R

Unit Size: 0.1 ml

Store at 4C in the dark.

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#### FAB931R

BACE-1 Antibody (137612) [Alexa Fluor® 647]

Clonality    Monoclonal      Clone    137612      Preservative    0.05% Sodium Azide      Isotype    IgG1      Conjugate    Alexa Fluor 647      Purity    Protein A or G purified from hybridoma culture supernatant      Buffer    50mM Sodium Borate      Product Description    Hoas      Host    Mouse      Gene ID    23621      Gene Symbol    BACE1      Species    Human, Mouse      Species    Human, Mouse      Specificity/Sensitivity    Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots, no cross-reactivity with recombinant mouser (m) BACE-2, rhoDAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.      Immunogen    Mouse myeloma cell line NS0-derived recombinant nouse from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product and components of the product on its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the	Product Information	
services.    Storage  Store at 4C in the dark.    Clonality  Monoclonal    Clone  137612    Preservative  0.05% Sodium Azide    Isotype  IgG1    Conjugate  Alexa Fluor 647    Purity  Protein A or G purified from hybridoma culture supernatant    Buffer  50mM Sodium Borate    Product Description  Mouse    Gene ID  23621    Gene Symbol  BACE1    Species  Human, Mouse    Species  Human, Mouse    Specificity/Sensitivity  Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots, no cross-reactivity with recombinant human (m) BACE-2, recombinant mouse (m) BACE2, recombinant mouse (m) BACE2, recombinant mouse may complexe on cross-reactivity with recombinant human BACE-1 in Western blots, no cross-reactivity with recombinant human BACE-1 in Mrc2-2, Tyr460    Accession # P56817  Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer in the onortansing allecense to this product on envense, which may include, but is not limeted to use of the product on ty components: (i) in manufacturing; (i) to provide a service, information, or any materials madu envirg the product or its components: (i) in manufacturing; (ii) to provide a s	Unit Size	0.1 ml
Clonality    Monoclonal      Clone    137612      Preservative    0.05% Sodium Azide      Isotype    IgG1      Conjugate    Alexa Fluor 647      Purity    Protein A or G purified from hybridoma culture supernatant      Buffer    50mM Sodium Borate      Product Description    House      Gene ID    23621      Gene Symbol    BACE1      Species    Human, Mouse      Specificity/Sensitivity    Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (ft) BACE 2, recombinant mouse (rm) BACE-2, rhADAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.      Immunogen    Mouse myeloma cell line NS0-derived recombinant human BACE-1 ft hr22-Tyr460 Accession # P56817      Notes    Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased product and components of the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product property license from murchasing activity in the research conducted by the buyer (th may include, but is not limited to use of the product or its components, (f) for resale, regardless of whether the y are resold for use in research. For information on purchasing a disposition or purchasing activity to generate reve	Concentration	•
Clone  137612    Preservative  0.05% Sodium Azide    Isotype  IgG1    Conjugate  Alexa Fluor 647    Purity  Protein A or G purified from hybridoma culture supernatant    Buffer  50mM Sodium Borate    Product Description  Host    Host  Mouse    Gene ID  23621    Gene symbol  BACE1    Specificity/Sensitivity  Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhoDAM8, rmADAM9, rmADAM0, rhADAM10, rhADAM15, or rhACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr/22-Tyr460    Accession # P56817  Notes    Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product or its components; (r) in manufacturing; (r) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purpose; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or sorupates; or information on purchasing a license to white product or its components; (i) in manufacturing; (ii) for provide a service, information, or data in return for payment; (iiii)	Storage	Store at 4C in the dark.
Preservative    0.05% Sodium Azide      Isotype    IgG1      Conjugate    Alexa Fluor 647      Purity    Protein A or G purified from hybridoma culture supernatant      Buffer    50mM Sodium Borate      Product Description    Mouse      Gene ID    23621      Gene symbol    BACE1      Species    Human, Mouse      Specificity/Sensitivity    Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rehADAM8, rmADAM9, rmADAM0, rmADAM10, rhADAM15, or thACE is observed.      Immunogen    Mouse myeloma cell line NS0-derived recombinant human BACE-1 Th: 122-Ty1460 Accession # P56817      Notes    Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for profit entity). The sale of this product is components. (i) in manufacturing; (ii) to provide a service, information, or any materials made using the product or lis components. In any activity to generate revenue, which may include, but is not limited to use of the product is product is ror information on purchasing a license to this product is product purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or its components. (i) in manufactu	Clonality	Monoclonal
isotype  IgG1    Conjugate  Alexa Fluor 647    Purity  Protein A or G purified from hybridoma culture supernatant    Buffer  50mM Sodium Borate    Product Description	Clone	137612
Conjugate  Alexa Fluor 647    Purity  Protein A or G purified from hybridoma culture supernatant    Buffer  50mM Sodium Borate    Product Description	Preservative	0.05% Sodium Azide
Purity    Protein A or G purified from hybridoma culture supernatant      Buffer    50mM Sodium Borate      Product Description    Host      Host    Mouse      Gene ID    23621      Specificity/Sensitivity    Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhDAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.      Immunogen    Mouse myeloma cell line NSO-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817      Notes    Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product oneys to the buyer rite non-transferable right to use the purchase style conditioned on the buyer rule using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) tor therapeutic, diagnostic or proprilactic purposes; or (iv) for resale, regardless of whether the yare resold for use in research. For information on purchasing a license to this product or its components; (i) in manufacturing; (ii) tor therapeutic, diagnostic or proprilactic purposes; or lifer above, contact Life Technologies Corporation. 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.	Isotype	IgG1
Buffer  50mM Sodium Borate    Product Description  Host    Host  Mouse    Gene ID  23621    Gene Symbol  BACE1    Species  Human, Mouse    Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhDAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer or using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or a	Conjugate	Alexa Fluor 647
Product Description    Host  Mouse    Gene ID  23621    Gene Symbol  BACE1    Species  Human, Mouse    Specificity/Sensitivity  Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rth) BACE-2, recombinant mouse (rm) BACE-2, rhcDAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or use in research. For information on purchasing a license to this product for use in research. For information on purchasing a license to this product or tis components. (i) in manufacturing (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (v) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or tis components. (ii) an manufacturing (ali to purchasing a license to this product for puropses other than as described above, contact Life Techn	Purity	Protein A or G purified from hybridoma culture supernatant
Host  Mouse    Gene ID  23621    Gene Symbol  BACE1    Species  Human, Mouse    Specificity/Sensitivity  Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhADAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components; (i) in manufacturing (ii) to provide a service, information, or data in return for payment; (ii) for therapeutic, diagnostic or proprise; or (v) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or its components: (i) in manufacturing (iii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purpose; or (v) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or its components: (i) in manufacturing @lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. </th <th>Buffer</th> <th>50mM Sodium Borate</th>	Buffer	50mM Sodium Borate
Gene ID  23621    Gene Symbol  BACE1    Species  Human, Mouse    Specificity/Sensitivity  Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhADAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product cande components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product and components of the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components; (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or its components; (ii) no manufacturing (iii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or. This conjugate is made on demand. Actual recovery may vary from the stade volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.    Product Application Detaills	Product Description	
Gene Symbol  BACE1    Species  Human, Mouse    Specificity/Sensitivity  Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhADAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components. (i) in manufacturing; (ii) to therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.    Product Application Details  Western Blot, Immunohistochemistry, CyTOF-ready, Intracellular Staining by	Host	Mouse
Species  Human, Mouse    Specificity/Sensitivity  Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (m) BACE-2, recombinant mouse (m) BACE-2, rhADAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.    Product Application Details  Western Blot, Immunohistochemistry, CyTOF-ready, Intracellular Staining by	Gene ID	23621
Specificity/Sensitivity  Detects human and mouse BACE-1 in direct ELISAs and human BACE-1 in Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhADAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product onveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for use or made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.    Product Application Details  Western Blot, Immunohistochemistry, CyTOF-ready, Intracellular Staining by	Gene Symbol	BACE1
Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhADAM8, rmADAM9, rmADAM10, rhADAM15, or rhTACE is observed.    Immunogen  Mouse myeloma cell line NS0-derived recombinant human BACE-1 Thr22-Tyr460 Accession # P56817    Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.    Product Application Details  Western Blot, Immunohistochemistry, CyTOF-ready, Intracellular Staining by	Species	Human, Mouse
Thr22-Tyr460 Accession # P56817NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application Details ApplicationsWestern Blot, Immunohistochemistry, CyTOF-ready, Intracellular Staining by	Specificity/Sensitivity	Western blots. In Western blots, no cross-reactivity with recombinant human (rh) BACE-2, recombinant mouse (rm) BACE-2, rhADAM8, rmADAM9,
Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application DetailsWestern Blot, Immunohistochemistry, CyTOF-ready, Intracellular Staining by	Immunogen	Thr22-Tyr460
Applications Western Blot, Immunohistochemistry, CyTOF-ready, Intracellular Staining by	Notes	Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The
	Product Application Details	
	Applications	



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#### **General Contact Information**

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#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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