## **Product Datasheet**

### SMC2 Antibody [Alexa Fluor® 532] NB100-373AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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#### NB100-373AF532

SMC2 Antibody [Alexa Fluor® 532]

Unit Size         0.1 ml           Concentration         Please see the vial label for concentration. If unlisted please contact technical services.           Storage         Store at 4C in the dark.           Clonality         Polyclonal           Preservative         0.05% Sodium Azide           Isotype         IgG           Conjugate         Alexa Fluor 532           Purity         Immunogen affinity purified           Buffer         SomM Sodium Borate           Product Description         Maximum Berline           Gene ID         10592           Gene Symbol         SMC2           Species         Human           Immunogen         The immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 1150 and the product on its components, in any activity to generate revenue, which may include, but is not limited to use the purchase of this product conveys to the buyer (residue 1197) of human Structural Maintenance of Chromosomes 2 using the product or its components	Product Information	
services.         Storage       Store at 4C in the dark.         Clonality       Polycional         Preservative       0.05% Sodium Azide         Isotype       IgG         Conjugate       Alexa Fluor 532         Purity       Immunogen affinity purified         Buffer       50mM Sodium Borate         Product Description       Rabbit         Gene ID       10592         Gene Bymbol       SMC2         Species       Human         Immunogen recognized by this antibody maps to a region between residue         1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).         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 on its components, or any materiais made using the product or its components, or any materiais made using the product or its components, or any materiais made using the product or its components, or any materiais made using the product or its components, or in manufacturing; (ii) to provide a service, information, or adatin return for payment; (iii) or threapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on demand. Actual recovery may vary incomponents; (i) in manufacturing; (ii) to provide a service, information, or data med using the product or its components, or any materiais made using the	Unit Size	0.1 ml
Clonality       Polyclonal         Preservative       0.05% Sodium Azide         Isotype       IgG         Conjugate       Alexa Fluor 532         Purity       Immunogen affinity purified         Buffer       50mM Sodium Borate         Product Description       Host         Host       Rabbit         Gene ID       10592         Gene Symbol       SMC2         Species       Human         Immunogen       The immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).         Notes       Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased product onice wyers to the buyer the non-transferable right to use the purchased product onice on acacdemic or for profit entity). The sale of this product conveys to the buyer the non-transferable right to use the product or is components; (i) in mandacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardles or outlicensing@illetech.com, 5791 Van Alen Way, Carsbad, CA 32008 USA or outlicensing@illetech.com. This conjugate is made an 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 Detailis       Western Blot, Immunocytoc	Concentration	•
Preservative         0.05% Sodium Azide           Isotype         IgG           Conjugate         Alexa Fluor 532           Purity         Immunogen affinity purified           Buffer         50m M Sodium Borate           Product Description         Immunogen affinity purified           Host         Rabbit           Gene ID         10592           Gene Symbol         SMC2           Species         Human           Immunogen         The immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).           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 acdemic or for profit entry). The sale of this product is components. (i) in manufacturing: (ii) to provide a service, information on the buyer not using the product or is components. (i) in manufacturing: (ii) to provide a service, information. For information on purchasing a license to this product is researched above, contact Life Technologies Corporation. The uproses ofter than as described above, contact Life Technologies Corporation. The uproses ofter than as described above, contact Life Technologies Corporation. The uproses ofter than as described above, contact Life Technologies Corporation. The uproses ofter than as described above, contact Life Technologies Corporation. The uproses ofter	Storage	Store at 4C in the dark.
IsotypeIgGConjugateAlexa Fluor 532PurityImmunogen affinity purifiedBuffer50mM Sodium BorateProduct DescriptionRabbitHostRabbitGene ID10592Gene SymbolSMC2SpeciesHumanImmunogenThe immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID) 10592).NotesAlexa Fluor (R) products are provided under an intellectual properly 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 or 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 include, but is not using the product or use of the product is expressly conditioned on 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 limit et to use of the product or its components (i) in manfacturing; (ii) to provide a service, Information, or for payment; (iii) for therapeutic, diagnostic or prophytacic purposes; or (iv) for payment, (iii) for therapeutic, diagnostic or prophytacic purposes; or (iv) for payment, (iii) for therapeutic, diagnostic or prophytacic purposes; or (iv) for 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 DetailsKestern Blot, Immunocytochemistry/ Immunofluoresc	Clonality	Polyclonal
Conjugate       Alexa Fluor 532         Purity       Immunogen affinity purified         Buffer       50mM Sodium Borate         Product Description       Rabbit         Host       Rabbit         Gene ID       10592         Gene Symbol       SMC2         Species       Human         Immunogen       The immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID) 10592).         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 on lis components, or any materials made 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 9200B USA or outilcensing@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, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated	Preservative	0.05% Sodium Azide
Purity         Immunogen affinity purified           Buffer         50mM Sodium Borate           Product Description         Rabbit           Gene ID         10592           Gene Symbol         SMC2           Species         Human           Immunogen         The immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).           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 in any activity to generate revenue, which may include, but is not limited to use of the product or its components, or information on purchasing a license to this product for 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 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; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license	Isotype	IgG
Buffer         50mM Sodium Borate           Product Description         Rabbit           Host         Rabbit           Gene ID         10592           Gene Symbol         SMC2           Species         Human           Immunogen         The immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).           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, (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 researce, regordises of whether they are resold for use in research. For information on purchasing a license to this product or prophylactic purposes; or (iv) for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or 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, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated <th>Conjugate</th> <th>Alexa Fluor 532</th>	Conjugate	Alexa Fluor 532
Product Description           Host         Rabbit           Gene ID         10592           Gene Symbol         SMC2           Species         Human           Immunogen         The immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).           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, in any activity to generate revenue, which may include, but is not limited to use of the product is expressly conditioned on the buyer 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 use on edescribed 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, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated	Purity	Immunogen affinity purified
HostRabbitGene ID10592Gene SymbolSMC2SpeciesHumanImmunogenThe immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).NotesAlexa 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 include, but is not limited to use of the product or is components: (i) in manufacturing; (ii) 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; or (iv) for 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, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown ValidatedRecommended DilutionsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated	Buffer	50mM Sodium Borate
Gene ID10592Gene SymbolSMC2SpeciesHumanImmunogenThe immunogen recognized by this antibody maps to a region between residue 1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID 10592).NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. 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 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 	Product Description	
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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, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown ValidatedRecommended DilutionsWestern Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated	Immunogen	1150 and the C-terminus (residue 1197) of human Structural Maintenance of Chromosomes 2 using the numbering given in entry NP_006435.1 (GeneID
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Recommended Dilutions       Knockdown Validated         Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockdown Validated	Product Application Details	
Knockdown Validated		Knockdown Validated
Application NotesOptimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	
	Application Notes	Optimal dilution of this antibody should be experimentally determined.





#### **Novus Biologicals USA**

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#### **General Contact Information**

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#### Products Related to NB100-373AF532

M6000B-1	IL-6 [HRP]
210-TA-005	TNF-alpha [Unconjugated]
NBP2-49655PEP	SMC2 Recombinant Protein Antigen
NBP2-24891AF532	Rabbit IgG Isotype Control [Alexa Fluor® 532]

#### 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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