# **Product Datasheet**

# CD79A Antibody (IGA/1790R) [CoraFluor™ 1] NBP3-11617CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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## NBP3-11617CL1

CD79A Antibody (IGA/1790R) [CoraFluor™ 1]

Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.  Host  Gene ID  973  Gene Symbol  CD79A  Species  Human, Mouse, Rat, Porcine, Bovine, Canine, Monkey  Others not known.  Marker  B-Cell Marker  Specificity/Sensitivity  A disulphide-linked heterodimer, consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulins on B cells. This complex of mb-1 and B29 polypeptides and immunoglobulin constitute the B cell Ag receptor. CD79a first appears at pre B cell stage, early in maturation, and persists until the plasma cell stage where it found as an intracellular component. CD79a is found in the majority of acute leukemias of precursor B cell type, in B cell lines, B cell lymphomas, and in son myelomas. It is not present in myeloid or T cell lines, B cell lymphomas atter treatment with Rituximab (anti-CD20). This antibody will stain many of the same lymphoma/leukemia than is anti-CD20. Anti-CD79a also stains more cases of plasma cell myeloma and occasionally some types of endothelial cells as well.  Immunogen  A synthetic peptide corresponding to aa 202-216 (GTYQDVGSLNIADVQ) of human CD79A protein. (Uniprot: P11912)	CD/9A Antibody (IGA/1/90K) [C	oraridor ··· 1]
Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Store at 4C in the dark. Do not freeze. Clonality Monoclonal Clone IGA/1790R Preservative No Preservative Isotype IgG Conjugate CoraFluor Purity Protein A purified Buffer PBS Product Description  CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs VI light at approximately 340 nm, and emis at approximately 490 nm, and emis at approximately 490 nm, and emis at approximately such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.  Host Rabbit Gene ID 973 Gene Symbol CD79A Species Human, Mouse, Rat, Porcine, Bovine, Canine, Monkey Reactivity Notes Others not known. Marker Specificity/Sensitivity A disulphide-linked heterodimer, consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulins on B cells. This compassion of the plana and persists until the plasma cell stage, early in maturation, and persists until the plasma cell stage where it in found as an intracellular component. CD79a is found in the majority of acute leukemias of precursor B cell type, in B cell lines, B cell lymphomas, and in son myelomas. It is not present in myeloid or T cell lines. An it-CD79a is generally superbomas are reteatment with Ritustimab (anti-CD20). This antibody will stain many of the same tymphomale used to complement anti-CD20, but also is more likely to stain B-lymphoblastic lymphomas as anti-CD20, but also is more likely to stain B-lymphoblastic lymphomas as anti-CD20, but also is more likely to stain B-lymphoblastic lymphomas as anti-CD20, but also is more likely to stain B-lymphoblastic lymphomas as anti-CD20, but also is more likely to stain B-lymphoblastic lymphoma eleventer if tom Massachusetts General Hospital. US patent	Product Information	
Storage Store at 4C in the dark. Do not freeze.  Clonality Monoclonal  Clone IGA/1790R  Preservative No Preservative  Isotype IgG  Conjugate CoraFluor 1  Purity Protein A purified  Buffer PBS  Product Description  CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolve Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 345 nm, 385 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET ioning assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.  Host Rabbit  Gene ID 973  Gene Symbol CD79A  Species Human, Mouse, Rat, Porcine, Bovine, Canine, Monkey  Reactivity Notes Others not known.  Marker B-Cell Marker  Specificity/Sensitivity A disulphide-linked heterodimer, consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulins on B cells. This complex of mb-1 and E29 polypeptides and immunoglobulins on B cells. This complex of mb-1 and E29 polypeptides and immunoglobulins on B cells. This complex of mb-1 and E29 polypeptides are sell stage, early in maturation, and persists until the plasma cell stage where it found as an intracellular component. CD79a is found in the majority of acute leukemas of precursor B cell type, in B cell lines, Anti-CD79a is generally used to complement anti-CD20, but also is more likely to stain B-lymphomas after treatment with Rituximab (anti-CD20). This antibody will stain many of the same yrmphomas as an intracellular component. CD79a is found in the majority of acute leukemas of precursor B cell type, in B cell lines, Anti-CD79a is generally used to complement anti-CD20. Specially for mature B-cell ymphomas after treatment with Rituximab (anti-CD20). This antibody will stain many of the same yrmphomas acti	Unit Size	0.1 ml
Clona   IGA/1790R   IGA/1790	Concentration	•
Clone  IGA/1790R  Preservative  No Preservative  IgG  Conjugate  CoraFluor 1  Protein A purified  Buffer  PBS  Product Description  CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolve Fluorescence Resonance Energy Transfer) or TRF (Time-Resolve Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.  Host  Gene ID  973  Gene Symbol  CD79A  Species  Human, Mouse, Rat, Porcine, Bovine, Canine, Monkey  Reactivity Notes  Others not known.  Marker  B-Cell Marker  Specificity/Sensitivity  A disulphide-linked heterodimer, consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulin constitute the B cell Ag receptor. CD79a first appears at pre B cell stage, early in maturation, and persists until the plasma cell stage where it found as an intracellular component. CD79a is found in the majority of acute leukemias of precursor B cell type, in B cell lines, B cell lymphomas, and in son myelomas. It is not present in myeloid or T cell lines. Anti-CD79a is generally used to complement anti-CD20 especially for mature B-cell lymphomas after treatment with Rituximab (anti-CD20). This antibody will stain many of the same lymphomas and anti-CD20. Onti-CD79a also stains more cases of plasma cell myeloma and occasionally some types of endothelial cells as well.  Immunogen  A synthetic peptide corresponding to as 202-216 (GTYQDVGSLNIADVQ) of human CD79A protein. (Uniprot: P11912)	Storage	Store at 4C in the dark. Do not freeze.
Preservative   No Preservative	Clonality	Monoclonal
IgG	Clone	IGA/1790R
Conjugate CoraFluor 1 Purity Protein A purified Buffer PBS  Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolve Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 corafluor(TM) 2 corafluor(TM) 1 corafluor(TM) 1 corafluor(TM) 2 corafluor(TM) 1 corafluor(TM) 1 corafluor(TM) 1 corafluor(TM) 2 corafluor(TM) 2 corafluor(TM) 1 corafluor(TM	Preservative	No Preservative
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PBS	Conjugate	CoraFluor 1
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human CD79A protein. (Uniprot: P11912)  Notes  CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent	Specificity/Sensitivity	CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulins on B cells. This complex of mb-1 and B29 polypeptides and immunoglobulin constitute the B cell Ag receptor. CD79a first appears at pre B cell stage, early in maturation, and persists until the plasma cell stage where it is found as an intracellular component. CD79a is found in the majority of acute leukemias of precursor B cell type, in B cell lines, B cell lymphomas, and in some myelomas. It is not present in myeloid or T cell lines. Anti-CD79a is generally used to complement anti-CD20 especially for mature B-cell lymphomas after treatment with Rituximab (anti-CD20). This antibody will stain many of the same lymphomas as anti-CD20, but also is more likely to stain B-lymphoblastic lymphoma/leukemia than is anti-CD20. Anti-CD79a also stains more cases of
only under agreement from Massachusetts General Hospital. US patent	Immunogen	
2022/0025254	Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254



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<b>Product Application Details</b>	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.





### Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112

USA

Phone: 303.730.1950 Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

#### **Bio-Techne Canada**

21 Canmotor Ave Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402

canada.inquires@bio-techne.com

#### **Bio-Techne Ltd**

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

#### **General Contact Information**

www.novusbio.com

Technical Support: nb-technical@bio-

techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

### **Products Related to NBP3-11617CL1**

NBP2-60209-50ug Recombinant Human CD79A His Protein

7268-CT-100 CTLA-4 [Unconjugated] 9685-CD-050 CD79A [Unconjugated]

AF114 CD45 Antibody [Unconjugated]

#### 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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