

Product Datasheet

Integrin beta 6 Antibody (CSbeta6) [CoraFluor™ 1] NBP2-29800CL1

Unit Size: 0.1 ml

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

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NBP2-29800CL1

Integrin beta 6 Antibody (CSbeta6) [CoraFluor™ 1]

Product Information	
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. Do not freeze.
Clonality	Monoclonal
Clone	CSbeta6
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Description	<p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 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.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p>
Host	Mouse
Gene ID	3694
Gene Symbol	ITGB6
Species	Human, Rat, Primate, Rabbit
Specificity/Sensitivity	<p>Monoclonal antibody MAB2076Z, raised by immunizing beta6 knockout mice with recombinant secreted human alphavbeta6, is useful for flow cytometry and immunoprecipitation in all species tested, including mouse. It also works well for immunohistochemistry of acetone-fixed tissues in several species, including rat, rabbit, monkey, and human. The antibody does not work well for immunohistochemistry of mouse tissue. This antibody does not recognize the αV subunit and does not react with alphaV integrins other than alphavbeta6. Because the antibody is not effective in western Blot, it is unknown whether the epitope recognized by the antibody localizes to the alphavbeta6 heterodimer or to the beta6 subunit only.</p>
Immunogen	beta 6 knockout mice have been immunized with recombinant secreted human alphaVbeta6.
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



Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-29800CL1

H00003694-Q01-10ug	Recombinant Human Integrin beta 6 GST (N-Term) Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
NBL1-12075	Integrin beta 6 Overexpression Lysate
AF446	EphB4 Antibody

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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