

Product Datasheet

TSC1 Antibody (488915) [CoraFluor™ 1] FAB4379CL1

Unit Size: 0.1 ml

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

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FAB4379CL1

TSC1 Antibody (488915) [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	488915
Preservative	No Preservative
Isotype	IgG2b
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	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. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Mouse
Gene ID	7248
Gene Symbol	TSC1
Species	Human
Specificity/Sensitivity	Detects human TSC1 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) TSC2 (aa 550-850), rhTSC2 (aa 1506-1748), or recombinant mouse TSC22 (aa 1-143) is observed.
Immunogen	<i>E. coli</i>-derived recombinant human TSC1 Asp156-Thr300 Accession # Q92574
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	Western Blot, CyTOF-ready, Intracellular Staining by Flow Cytometry
Recommended Dilutions	Western Blot, Intracellular Staining by Flow Cytometry, CyTOF-ready



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to FAB4379CL1

H00007248-Q01-10ug	Recombinant Human TSC1 GST (N-Term) Protein
NBL1-17350	TSC1 Overexpression Lysate
AF887	AKT [p Ser473] Antibody [Unconjugated] - Pan Specific
NB200-157	4EBP1 Antibody - BSA Free

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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