

Product Datasheet

TGF-beta RI/ALK-5 Antibody [CoraFluor™ 1] AF587CL1

Unit Size: 0.1 ml

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

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AF587CL1

TGF-beta RI/ALK-5 Antibody [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	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Antigen Affinity-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	Goat
Gene ID	7046
Gene Symbol	TGFBR1
Species	Mouse
Specificity/Sensitivity	Detects mouse TGF β RI/ALK-5 in direct ELISAs and Western blots. In direct ELISAs, approximately 50% cross-reactivity with recombinant human (rh) TGF- β RI is observed, and less than 2% cross-reactivity with recombinant mouse TGF β RII and rhTGF β RIII is observed.
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse TGF β RI/ALK-5 Ala21-Glu121 Accession # BAA05023
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
Recommended Dilutions	Western Blot
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to AF587CL1

NBP2-61985-50ug	Recombinant Human TGF-beta RI/ALK-5 Isoform 1 hIgG-His Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
587-RIB-050	TGF-beta RI/ALK-5 [Unconjugated]
243-B3-002	TGF-beta 3 [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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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