

Product Datasheet

Smad4 Antibody [CoraFluor™ 1] AF2097CL1

Unit Size: 0.1 ml

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

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AF2097CL1

Smad4 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	4089
Gene Symbol	SMAD4
Species	Human
Specificity/Sensitivity	Detects human Smad4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 15% cross-reactivity with recombinant human (rh) Smad1 and less than 5% cross-reactivity with rhSmad9, rhSmad5, and rhSmad7 is observed.
Immunogen	<i>E. coli</i>-derived recombinant human Smad4 Pro139-Asp332 Accession # Q13485
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, Chromatin Immunoprecipitation (ChIP), Immunocytochemistry
Recommended Dilutions	Western Blot, Chromatin Immunoprecipitation (ChIP), Immunocytochemistry
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to AF2097CL1

NBP2-24951PEP	Smad4 Antibody Blocking Peptide
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
NBP2-76623	Mouse Smad4 ELISA Kit (Colorimetric)
314-BP-010	BMP-4 [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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