

Product Datasheet

ErbB2/Her2 Antibody (4D5-8 (trastuzumab)) [CoraFluor™ 1] NBP2-75895CL1

Unit Size: 0.1 ml

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

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NBP2-75895CL1

ErbB2/Her2 Antibody (4D5-8 (trastuzumab)) [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	4D5-8 (trastuzumab)
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein A 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(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	Human
Gene ID	2064
Gene Symbol	ERBB2
Species	Human
Specificity/Sensitivity	Oncogenic protein Her-2/neu (erbB-2), a member of the family of epidermal growth factor (EGF) receptors, overexpressed in 30% of invasive breast cancers and 70% of ductal carcinomata in situ, in a small percentage of melanomas, and in other malignancies originating from various organs, including ovary, kidney, colon, and bladder.
Immunogen	A431 cells (human epidermoid carcinoma) (over)expressing EGFR.
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	ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Flow Cytometry, ELISA, Immunohistochemistry
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-75895CL1

NBP2-29624PEP	ErbB2/Her2 Antibody Blocking Peptide
236-EG-200	EGF [Unconjugated]
1129-ER-050	ErbB2/Her2 [Unconjugated]
DVE00	VEGF [HRP]

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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