

# Product Datasheet

## ErbB2/Her2 Antibody (4D5-8 (trastuzumab)) [Janelia Fluor® 646] NBP2-52639JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-52639JF646**

ErbB2/Her2 Antibody (4D5-8 (trastuzumab)) [Janelia Fluor® 646]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4D5-8 (trastuzumab)
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG Kappa
<b>Conjugate</b>	Janelia Fluor 646
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2064
<b>Gene Symbol</b>	ERBB2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	A431 cells (human epidermoid carcinoma) (over)expressing EGFR.
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP2-52639JF646**

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H00002064-P01-2ug	Recombinant Human ErbB2/Her2 GST (N-Term) Protein
236-EG-200	EGF [Unconjugated]
1129-ER-050	ErbB2/Her2 [Unconjugated]
DVE00	VEGF [HRP]

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### **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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