

# Product Datasheet

## ErbB2/Her2 Antibody (2D4)

### H00002064-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00002064-M02**

ErbB2/Her2 Antibody (2D4)

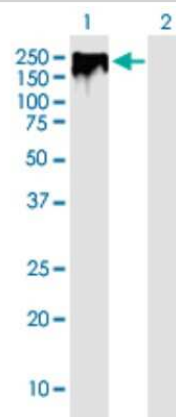
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2D4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	2064
<b>Gene Symbol</b>	ERBB2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	ERBB2 (2D4)
<b>Immunogen</b>	ERBB2 (NP_004439, 22 a.a. ~ 121 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. STQVCTGTDMLKRLPASPETHLDMLRHLYQGCQVVQGNLELTYLPTNASLSFL QDIQEVQGYVLIAHNQVRQVPLQRLRIVRGTQLFEDNYALAVLDNGD
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/Immunofluorescence
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.



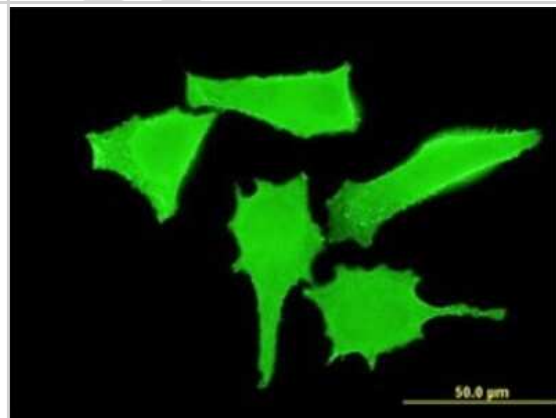
## Images

Western Blot: ErbB2/Her2 Antibody (2D4) [H00002064-M02] - Western Blot analysis of ErbB2/Her2 expression in transfected 293T cell line by ErbB2/Her2 monoclonal antibody (M02), clone 2D4.

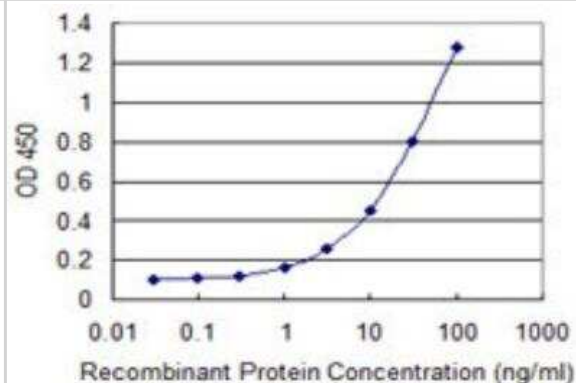
Lane 1: ErbB2/Her2 transfected lysate (Predicted MW: 138.05 KDa).  
Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: ErbB2/Her2 Antibody (2D4) [H00002064-M02] - Analysis of monoclonal antibody to ERBB2 on HeLa cell . Antibody concentration 10 ug/ml.



ELISA: ErbB2/Her2 Antibody (2D4) [H00002064-M02] - Detection limit for recombinant GST tagged ERBB2 is 0.3 ng/ml as a capture antibody.





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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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