

Product Datasheet

ERBB2 monoclonal antibody (M04), clone 4E1 (orb2293196)

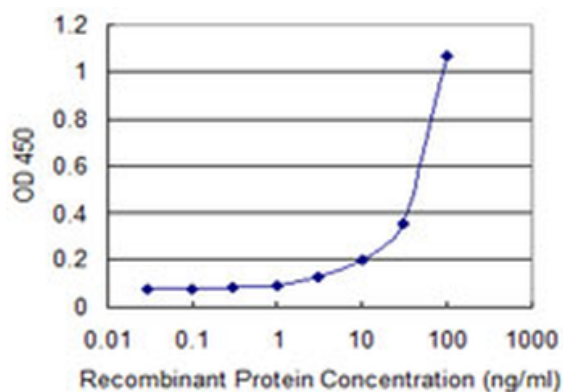
Description	Mouse monoclonal antibody raised against a partial recombinant ERBB2.
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, IF, IHC-P, WB
Immunogen	ERBB2 (NP_004439, 22 a.a. ~ 121 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preservatives	In 1x PBS, pH 7.4
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Protein Sequence	STQVCTGTDMKLRLPASPETHLDMLRHLYQGCQVVQGNLELTYLPTNASLSFLQDIQEVQG YVLIAHNQVRQVPLQRLRIVRGTLFEDNYALAVLDNGD
Isotype	IgG2b Kappa
Clonality	Monoclonal
Clone Number	4E1
NCBI	NP_004439
Expiration Date	12 months from date of receipt.

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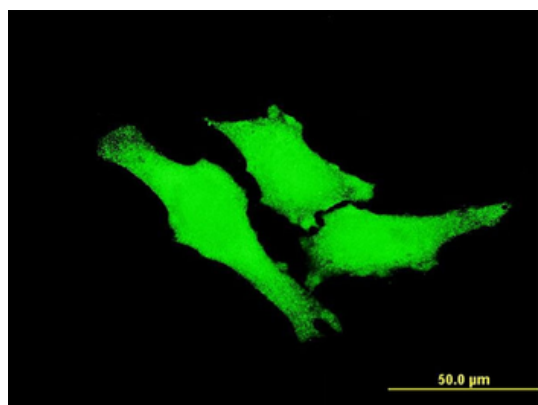
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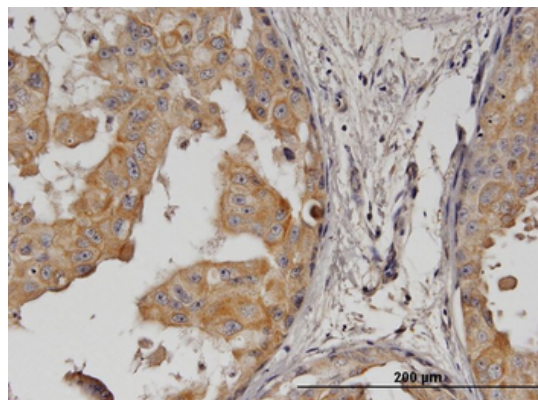
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Detection limit for recombinant GST tagged ERBB2 is 1 ng/ml as a capture antibody.



Immunofluorescence of monoclonal antibody to ERBB2 on HeLa cell. [antibody concentration 10 ug/ml]



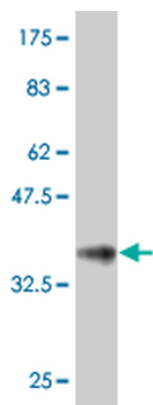
Immunoperoxidase of monoclonal antibody to ERBB2 on formalin-fixed paraffin-embedded human breast cancer. [antibody concentration 3 ug/ml]

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Western Blot detection against Immunogen (36.74 KDa).

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