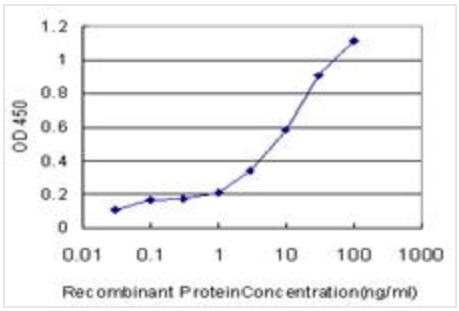
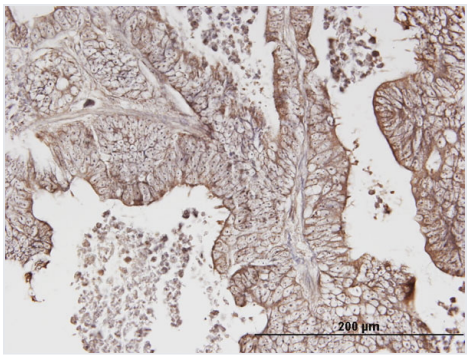
ERBB3 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

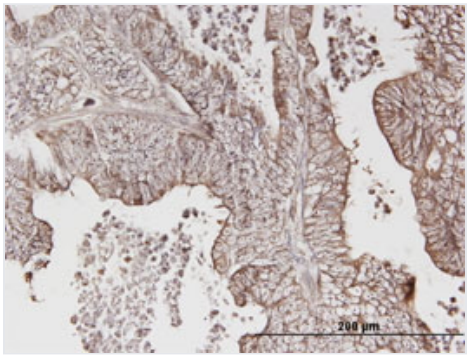
Product Name	ERBB3, Monoclonal Antibody
Full Product Name	ERBB3 (v-erb-b2 Erythroblastic Leukemia Viral Oncogene Homolog 3 (avian), ErbB-3, HER3, LCCS2, MDA-BF-1, MGC88033, c-erbB-3, c-erbB3, erbE
Product Gene Name	anti-ERBB3 antibody
Product Synonym Names	v-erb-b2 Erythroblastic Leukemia Viral Oncogene Homolog 3 (avian); ErbB-3; HER3; LCCS2; MDA-BF-1; MGC88033; c-erbB-3; c-erbB3; erbB3-S; p18
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2A4
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified
Specificity	Recognizes ERBB3.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	ERBB3 (AAH02706, 21aa-331aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	EVGNSQAVCPGTLNGLSVTGDAENQYQTLYKLYERCEVVMGNLEIVLTGHNADLSFLQWIREVTGYVLVAMNEFSTLPLPNLRVVRGTQVYDGKFAIFVM
Conjugate	FITC
Product Categories/Family for anti-ERBB3 antibody	Antibodies; Oncoproteins
Applications Tested/Suitable for anti-ERBB3 antibody	Immunohistochemistry (IHC)
Application Notes for anti-ERBB3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ERBB3 antibody	This gene encodes a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. This membrane-bound protein has a which lead to cell proliferation or differentiation. Amplification of this gene and/or overexpression of its protein have been reported in numerous cancers been reported, but they have not been thoroughly characterized. [provided by RefSeq]
Other Notes	Small volumes of anti-ERBB3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for ERBB3 purchase	MBS6175378 is an antibody targeting ERBB3. Also known as ERBB3 (v-erb-b2 Erythroblastic Leukemia Viral Oncogene Homolog 3 (avian), ErbB-3, H



Testing Data of anti-ERBB3 antibody
Detection limit for recombinant GST tagged ERBB3 is approximately 0.3ng/ml as a capture antibody.



Immunohistochemistry (IHC) of anti-ERBB3 antibody
Immunoperoxidase of monoclonal antibody to ERBB3 on formalin-fixed paraffin-embedded human lung cancer. [antibody concentration 1.2 ug/ml]



Immunohistochemistry (IHC) of anti-ERBB3 antibody
Immunoperoxidase of monoclonal antibody to ERBB3 on formalin-fixed paraffin-embedded human lung cancer. [antibody concentration 1.2 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ERBB3. It may not necessarily be applicable to this product.

NCBI GI #	12803739
NCBI GeneID	2065
NCBI Accession #	AAH02706
UniProt Related Accession #	P21860
NCBI Official Full Name	ERBB3 protein
NCBI Official Synonym Full Names	erb-b2 receptor tyrosine kinase 3
NCBI Official Symbol	ERBB3
NCBI Official Synonym Symbols	HER3; FERLK; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3
Protein Family	Receptor tyrosine-protein kinase
NCBI Protein Information	receptor tyrosine-protein kinase erbB-3
Research Articles on ERBB3	**1.** rs2292239 of gene ERBB3 is associated with diabetic retinopathy incidence and severity among Chinese Hui population.
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