

Mouse ERBB3 Monoclonal Antibody | anti-ERBB3 antibody

ERBB3 antibody

CATALOG # AAA74837	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
------------------------------	----------------------	--

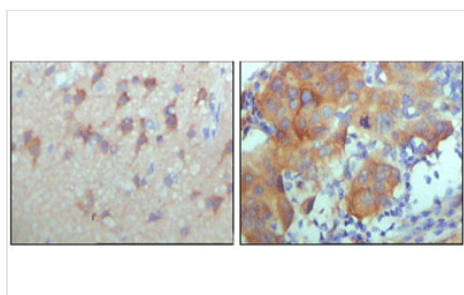
PRODUCT SYNONYMS

ERBB3; Monoclonal Antibody; ERBB3 antibody; Monoclonal ERBB3; Anti-ERBB3; Erythroblastic leukemia viral oncogene homolog 3; ERBB 3; V-erb-b2; ERBB-3; anti-ERBB3 antibody

PRODUCT SPECIFICATIONS

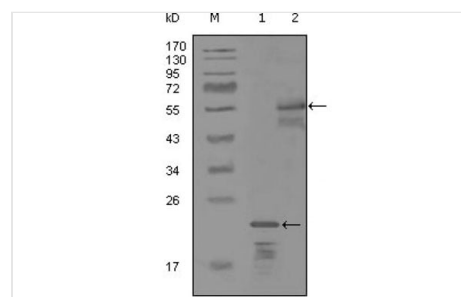
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3F10F6
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	100 ul per vial (varies by lot)
Sequence Length	331
Applicable Applications for anti-ERBB3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	ERBB3 is a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this ligand but not convey the signal into the cell through protein phosphorylation. However, it does form heterodimers with other EGF receptor family members which do have kinase activity. Heterodimerization leads to the activation of pathways which lead to cell proliferation or differentiation.
Cross-Reactivity	Human
Immunogen	ERBB3 antibody was raised in Mouse using a purified recombinant fragment of ERBB3(aa1175-1275) expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human cerebra (left) and breast carcinoma tissue (right), showing cytoplasmic and membrane location with DAB staining using ERBB3 antibody.



WB (Western Blot)

Western Blot showing ERBB3 antibody used against truncated Trx-ERBB3 recombinant protein (1) and MBP-ERBB3 (aa1175-1275) recombinant protein (2).

ADDITIONAL INFORMATION

Related Product Information for anti-ERBB3 antibody	Mouse monoclonal ERBB3 antibody
Product Categories/Family for anti-ERBB3 antibody	Differentiation & Development

NCBI AND UNIPROT INFORMATION

NCBI GI #	12803739
NCBI GeneID	2065
UniProt Accession #	O75810; 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; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3
NCBI Protein Information	receptor tyrosine-protein kinase erbB-3
UniProt Protein Name	ErbB-3 R1
UniProt Gene Name	c-erbB-3
UniProt Entry Name	O75810_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/erbb3-antibody-clone-3f10f6-western-blot-immunohistochemistry-elisa/74837>