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Product Information

Recombinant Anti-Human ERBB3 Antibody

Cat. No.: **MOM-18189**
This product is for research use only and is not intended for diagnostic use.

Product Overview
Recombinant Human Antibody binds selectively to Human ERBB3, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description
Binds and is activated by neuregulins and NTAK.

Specific Activity
Tested positive against native antigen.

Target
ERBB3

Immunogen
HER3 ECD protein

Source
Human

Species Reactivity
Human

Type
Human IgG1 - kappa

Expression Host
CHO

Predicted N terminal
H chain: QVQLQQW; L Chain: DIEMTQS

Purity
>95.0% as determined by analysis by SDS-PAGE.

Applications
Suitable for use in WB, IP, IF, FuncS, FC, Neut, ELISA and most other immunological methods.

Storage
Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

ERBB3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) [Homo sapiens]

Official Symbol

ERBB3

Synonyms

ERBB3; v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian); LCCS2, lethal congenital contracture syndrome 2; receptor tyrosine-protein kinase erbB-3; HER3; proto-oncogene-like protein c-ErbB-3; tyrosine kinase-type cell surface receptor HER3; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3; MGC88033;

Gene ID

2065

mRNA Refseq

NM_001005915

Protein Refseq

NP_001005915

MIM

190151

UniProt ID

P21860

Chromosome Location

12q13

Pathway

Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Downregulation of ERRB2:ERBB3 signaling, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; ErbB receptor signaling network, organism-specific biosystem; ErbB signaling pathway, organism-specific biosystem;

Function

ATP binding; growth factor binding; growth factor binding; nucleotide binding; protein binding; protein heterodimerization activity; protein heterodimerization activity; protein homodimerization activity; protein tyrosine kinase activator activity; NOT protein tyrosine kinase activity; receptor activity; receptor signaling protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity; transmembrane signaling receptor activity;

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