

Datasheet for ABIN515375
anti-ERBB3 antibody (AA 21-331)



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2 Images

Overview

Quantity:	100 µg
Target:	ERBB3
Binding Specificity:	AA 21-331
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ERBB3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant ERBB3.
Immunogen:	ERBB3 (AAH02706, 21 a.a. ~ 331 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EVGNSQAVCP GTLNGLSVTG DAENQYQTLY KLYERCEVVM GNLEIVLTGH NADLSFLQWI REVTGYVLVA MNEFSTLPLP NLRVVRGTQV YDGKFAIFVM LNYNTNSSHA LRQLRLTQLT EILSGGVYIE KNDKLCHMDT IDWRDIVRDR DAEIVVKDNG RSCPPCHEVC KGRCWGPGE DCQTLTKTIC APQCNGHCFG PNPNCCHDE CAGGCSGPQD TDCFACRHFN DSGACVPRCP QPLVYNKLT F QLEPNPHTKY QYGGVCVASC PHNFVVDQTS CVRACPPDKM EVDKNGLKMC EPCGGLCPKA F
Clone:	3F12
Isotype:	IgG2a

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

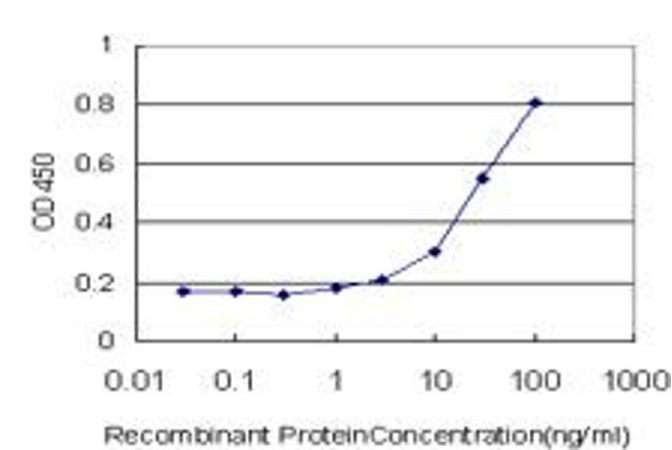
Target:	ERBB3
Alternative Name:	ERBB3 (ERBB3 Products)
Background:	Full Gene Name: v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) Synonyms: ErbB-3,HER3,LCCS2,MDA-BF-1,MGC88033,c-erbB-3,c-erbB3,erbB3-S,p180-ErbB3,p45-sErbB3,p85-sErbB3
Gene ID:	2065
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

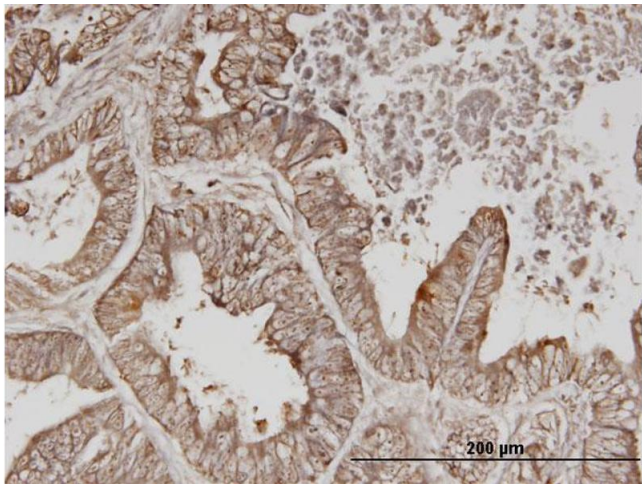
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



ELISA

Image 1. Detection limit for recombinant GST tagged ERBB3 is approximately 3ng/ml as a capture antibody.



Immunostaining

Image 2. Immunoperoxidase of monoclonal antibody to ERBB3 on formalin-fixed paraffin-embedded human lung cancer. [antibody concentration 1.2 ug/ml]