

Product datasheet

Anti-ErbB 3 antibody [0.T.39] ab33222

概述

产品名称	Anti-ErbB 3抗体[0.T.39]
描述	小鼠单克隆抗体[0.T.39] to ErbB 3
特异性	Ab33222 recognises ErbB 3. It does not crossreact with erbB1 (EGFR) and erbB2/HER2.
经测试应用	适用于: ICC, WB, IP
种属反应性	与反应: Mouse, Rat, Cow, Human
免疫原	Recombinant rat erbB 3/HER3 oncoprotein expressed in insect cells and purified by metal chelating chromatography.
表位	Epitope maps between amino acid residues 1295-1323 of human erbB-3.
阳性对照	WB and IP: RIPA lysates of human MCF7 cells, and MDA RIPA lysates. ICC: MCF7 cells fixed with 95% ethanol/5% acetic acid.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Add glycerol to a final volume of 50% for extra stability and aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium Azide Constituents: 10mM PBS, pH 7.4
纯度	Protein A purified
克隆	单克隆
克隆编号	0.T.39
同种型	IgG2a
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab33222** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ICC		Use a concentration of 10 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 148 kDa.
IP		Use at an assay dependent dilution.

靶标

功能	Binds and is activated by neuregulins and NTAK.
组织特异性	Epithelial tissues and brain.
疾病相关	Defects in ERBB3 are the cause of lethal congenital contracture syndrome type 2 (LCCS2) [MIM:607598]; also called Israeli Bedouin multiple contracture syndrome type A. LCCS2 is an autosomal recessive neurogenic form of a neonatally lethal arthrogryposis that is associated with atrophy of the anterior horn of the spinal cord. The LCCS2 syndrome is characterized by multiple joint contractures, anterior horn atrophy in the spinal cord, and a unique feature of a markedly distended urinary bladder. The phenotype suggests a spinal cord neuropathic etiology.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. EGF receptor subfamily. Contains 1 protein kinase domain.
发展阶段	Overexpressed in a subset of human mammary tumors.
结构域	The cytoplasmic part of the receptor may interact with the SH2 or SH3 domains of many signal-transducing proteins.
翻译后修饰	Ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase.
细胞定位	Secreted and Cell membrane.

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