


### Anti-ErbB3 / HER3 antibody [SGP1] ab20162

#### 3 References

#### 概述

产品名称	Anti-ErbB3 / HER3抗体[SGP1]
描述	小鼠单克隆抗体[SGP1] to ErbB3 / HER3
宿主	Mouse
经测试应用	适用于: IP, Flow Cyt
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Chimpanzee 
免疫原	Recombinant full length protein corresponding to Human ErbB3/ HER3. 'c-erb B3 protein from transfected human kidney fibroblasts purified by wheatgerm lectin affinity chromatography'
表位	Extracellular domain.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
纯度	Protein A/G purified
克隆	单克隆
克隆编号	SGP1
骨髓瘤	NS0
同种型	IgG1
轻链类型	kappa

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab20162于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 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 arthrogyriposis 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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