

# 有丝分裂原诱导基因 6 抗体

产品货号: mlR20291

英文名称: MIG6

中文名称: 有丝分裂原诱导基因 6 抗体

别名: ERBB receptor feedback inhibitor 1; GENE 33; MIG6; mitogen inducible gene 6; mitogen inducible gene 6 protein; RALT; receptor-associated late transducer; ERRFI\_HUMAN.

研究领域: 肿瘤 心血管 免疫学 信号转导 激酶和磷酸酶

抗体来源: Rabbit

克隆类型: Polyclonal

交叉反应: Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Sheep,

**产品应用:**WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.



分子量: 51kDa

细胞定位: 细胞核 细胞浆 细胞膜

性状: Lyophilized or Liquid

浓 度: 1mg/ml

免疫原: KLH conjugated synthetic peptide derived from human MIG6:301-400/462

亚型: IgG

纯化方法: affinity purified by Protein A

储存液: Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4

保存条件: Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20 °C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed



# 产品介绍 background:

ERRFI1 belongs to a class of mammalian regulators of tyrosine kinase signalling, whose expression is trascriptionally controlled by receptor activation. A number of features reveal this protein as a canidate for being a signal transducing protein; proline rich sequences, consensus sequences for phosphorylation of ERK1 and ERK2, a potential binding site for 14-3-3 proteins and other potential sites for phosphorylation by protein kinase C, A and Casein kinase II.

### Function:

Negative regulator of EGFR signaling in skin morphogenesis. Acts as a negative regulator for several EGFR family members, including ERBB2, ERBB3 and ERBB4. Inhibits EGFR catalytic activity by interfering with its dimerization. Inhibits autophosphorylation of EGFR, ERBB2 and ERBB4. Important for normal keratinocyte proliferation and differentiation. Plays a role in modulating the response to steroid hormones in the uterus. Required for normal response to progesterone in the uterus and for fertility. Mediates epithelial estrogen responses in the uterus by regulating ESR1 levels and activation. Important for regulation of endometrium cell proliferation. Important for normal prenatal and perinatal lung development

## Subunit:

interacts with ERBB2. Interacts with EGFR.

### Subcellular Location:

Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus. Note=Associated with the plasma membrane of basal skin keratinocytes. Translocates into the nucleus of differentiating suprabasal keratinocytes.

#### Similarity:

Belongs to the MIG6 family.



SWISS:

Q9UJM3

Gene ID:

54206

## Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

