

ERBB2(V777A)

ErbB2(V777A)

货号: 26080

基因符号: ERBB2/HER2/Neu

描述: ErbB2(V777A) 小鼠单克隆抗体

背景: The ErbB family is composed of four plasma membrane-bound receptor tyrosine kinases. Amplification or over-expression of the ERBB2 gene occurs in approximately 30% of breast cancers. HER2 is encoded by ERBB2, a known proto-oncogene located at the long arm of human chromosome 17(17q21-q22). HER2 proteins have been shown to form clusters in cell membranes that may play a role in tumorigenesis. Mutations of ErbB2 protein, including V777A, have been indicated in human cancers.

免疫原: A synthetic peptide surround the 777A codon of ErbB2 protein.

Tested 经过测试的应用: ELISA, WB, IF, IHC

推荐稀释度:

ELISA: 1:500-1:5000

WB: 1:200-1:2000

IF: 1:100

IHC: 1:50-1:100

浓度: 0.2 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

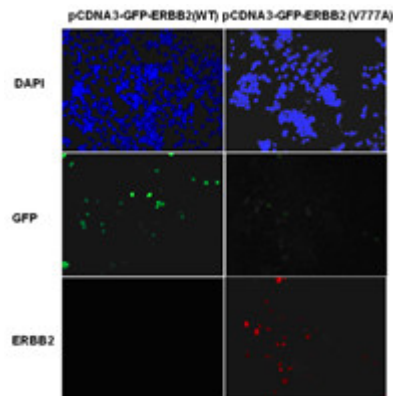
纯化:: Purified from ascites

Preservative: No

成分: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes V777A mutant but not wild type ErbB2 protein, of vertebrates.

储存条件:: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing.



Immunofluorescence:

Immunofluorescence of cells expressing ErbB2 proteins with ErbB2(V777A) antibody.

HEK293T cells were transfected with pCDNA3-GFP- ErbB2 WT plasmid (left column) or pCDNA3-GFP-ErbB2(V777A) plasmid (right column), then fixed and stained with ErbB2(V777A) monoclonal antibody (货号26080).