

Her-2 (AB1234) mouse mAb

V0376

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 137 kDa (calculated)
- 180 kDa (observed)

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality

Monoclonal

Clone Number

AB1234

Immunogen

A synthetic peptide corresponding to the amino acid region 300 - 400 of the human Her - 2 protein.

Specificity

The antibody can specifically recognize human Her-2 protein.

Purification

Affinity purification Protein A

Concentration

Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name

ERBB2

Protein Name

Her-2

Database Link

Organism

Human

Swiss Prot.

P04626

Gene ID

2064

Background

HER2 is a proto-oncogene, and its expressed c-erbB-2 is a transmembrane protein of a tyrosine kinase receptor with a molecular weight of 185kDa. The activation of HER2 gene can directly lead to the malignant transformation of some human cells or increase the malignant potential of cells. It is reported that the amplification of HER2 gene results in some breast, gastrointestinal, ovarian and endometrial cancers. Therefore, HER2 is directly targeted as a target drug for Hessaitin and other tumors.