

Her-2 (AB1416) mouse mAb

V0378

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 AB1416

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	Swiss Prot.	Gene ID
	Human	P04626	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.