

# HER2(Ab-1248) Conjugated Antibody

Catalog No: #C21072

Package Size: #C21072-AF350 100ul #C21072-AF405 100ul #C21072-AF488 100ul #C21072-AF555 100ul #C21072-AF594 100ul  
 #C21072-AF647 100ul #C21072-AF680 100ul #C21072-AF750 100ul #C21072-Biotin 100ul #C21072-Conjugated 50ul

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## Description

Product Name	HER2(Ab-1248) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total HER2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 1246~1250 (P-E-Y-L-G) derived from Human HER2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Target Name	HER2
Other Names	C-erbB-2; ErbB2;
Accession No.	Swiss-Prot: P04626NCBI Protein: NP_001005862.1
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C in dark for 6 months

## Application Details

Predicted MW: 185kd

Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

## Background

Essential component of a neuregulin-receptor complex, although neuregulins do not interact with it alone. GP30 is a potential ligand for this receptor.

Not activated by EGF, TGF- $\alpha$  and amphiregulin.

Ramsauer VP, et al. (2003)J Biol Chem; 278(32): 30142-7.

Jepson S, et al. (2002)Oncogene; 21(49): 7524-32.

Ren Z, et al. (2002)J Biol Chem; 277(41): 38486-93.

Eppenberger-Castori S, et al. (2001)J Clin Oncol; 19(3): 645-56.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.