

Phospho-HER2/ErbB2 (Tyr1196) Ab

Cat.#: AF2348	Concn.: 1mg/ml	Mol.Wt.: 185kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200

Reactivity: Human, Mouse

Purification: The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

Specificity: Phospho-HER2/ErbB2 (Tyr1196) Ab detects endogenous levels of HER2/ErbB2.

Immunogen: A synthesized peptide derived from human HER2/ErbB2 around the phosphorylation site of Tyr1196.

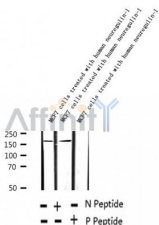
Uniprot: P04626

Subcellular Location: Cytoplasm. Nucleus and Cell membrane. Cytoplasm, perinuclear region. Nucleus. Translocation to the nucleus requires endocytosis, probably endosomal sorting and is mediated by importin beta-1/KPNB1.

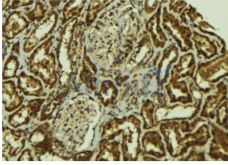
Tissue Specificity: Expressed in a variety of tumor tissues including primary breast tumors and tumors from small bowel, esophagus, kidney and mouth.

Similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. EGF receptor subfamily.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt



Western blot analysis of extracts of MCF7 cells treated with human neuregulin-1, using Phospho-HER2/ErbB2 (Tyr1196) Ab



AF2348 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

IMPORTANT: For western blot, incubate membrane with diluted Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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