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Phospho-CDC37 (S13) Antibody

Rabbit mAb
Catalog # AP90930

Product Information

Application	WB, IP
Primary Accession	Q16543
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	CC37; Hsp90 chaperone protein kinase-targeting subunit; Hsp90 co-chaperone Cdc37;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	44468

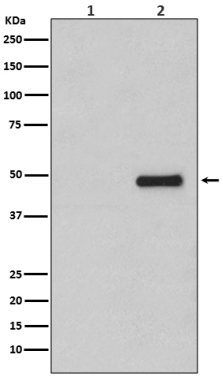
Additional Information

Dilution	WB 1:500~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-CDC37 (S13)
Description	CDC37 is an important component of the HSP90 chaperone complex. It was initially identified for its involvement in cell-cycle progression and was later found to have a much broader role as a chaperone for a wide variety of kinases and other proteins. CDC37 protein has an amino-terminal kinase binding domain followed by a central HSP90 binding domain.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CDC37
Synonyms	CDC37A
Function	Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity (PubMed:8666233). Inhibits HSP90AA1 ATPase activity (PubMed:23569206).
Cellular Location	Cytoplasm.

Images



Western blot analysis of Phospho-CDC37 (S13) expression in (1) Jurkat cell lysate treated with Alkaline Phosphatase; (2) Jurkat cell lysate.