



CD28 (phospho Tyr218) rabbit pAb

Cat No.:ES8032

For research use only

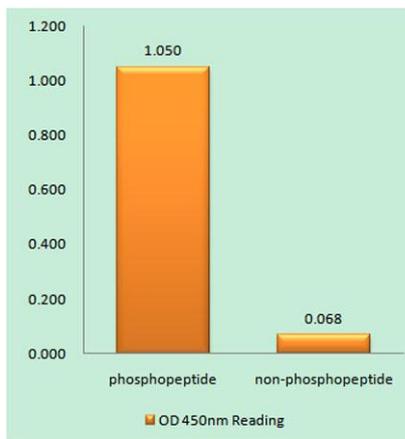
Overview

Product Name	CD28 (phospho Tyr218) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CD28 around the phosphorylation site of Tyr218. AA range:171-220
Specificity	Phospho-CD28 (Y218) Polyclonal Antibody detects endogenous levels of CD28 protein only when phosphorylated at Y218.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	T-cell-specific surface glycoprotein CD28
Gene Name	CD28
Cellular localization	Membrane; Single-pass type I membrane protein.; [Isoform 3]: Cell surface .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	940
Human Swiss-Prot Number	P10747
Alternative Names	CD28; T-cell-specific surface glycoprotein CD28; TP44; CD antigen CD28
Background	The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants

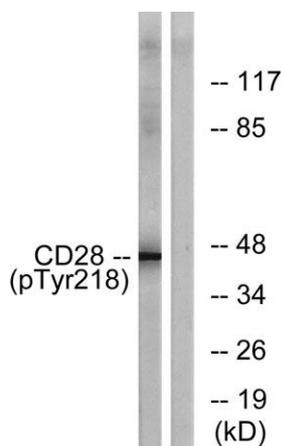




encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011],



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CD28 (Phospho-Tyr218) Antibody



Western blot analysis of lysates from HepG2 cells treated with nocodazole 1ug/ml 16h, using CD28 (Phospho-Tyr218) Antibody. The lane on the right is blocked with the phospho peptide.

