



CD28 Monoclonal Antibody

Catalog No	YP-mAb-13984
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CD28
Immunogen	Synthesized peptide derived from T-cell-specific surface glycoprotein CD28 at AA range: 11-60
Specificity	CD28 Monoclonal Antibody detects endogenous levels of CD28 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD28;CD28 molecule;Tp44;T-cell-specific surface glycoprotein CD28
Observed Band	25kD
Calculated Molecular Weight	25kD
Cell Pathway	Membrane; Single-pass type I membrane protein.; [Isoform 3]: Cell surface .
Tissue Specificity	Expressed in T-cells and plasma cells, but not in less mature B-cells.
Function	function:Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.,online information:CD28 entry,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain., subunit:Homodimer; disulfide-linked. Interacts with DUSP14. Binds to CD80/B7-1 and CD86/B7-2/B70.,tissue specificity:Expressed in T-cells and plasma cells, but not in less mature B-cells.,
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],



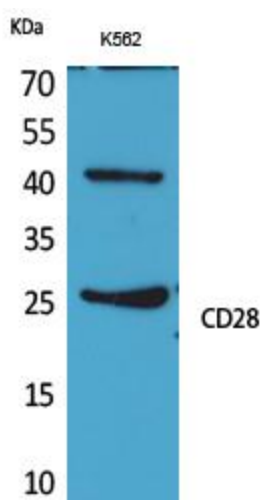
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD28 Monoclonal Antibody