



CD28 (phospho Tyr218) Monoclonal Antibody

Catalog No	BYmab-13843
Isotype	IgG
Reactivity	Human
Applications	WB
Gene Name	CD28
Protein Name	T-cell-specific surface glycoprotein CD28
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) Monoclonal 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.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD28; T-cell-specific surface glycoprotein CD28; TP44; CD antigen CD28
Observed Band	45kD
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],

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**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