


Product datasheet

Anti-CD28 (phospho Y218) antibody ab138404

1 Image

Overview

Product name	Anti-CD28 (phospho Y218) antibody
Description	Rabbit polyclonal to CD28 (phospho Y218)
Host species	Rabbit
Specificity	ab138404 detects endogenous levels of CD28 only when phosphorylated at Tyr218.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	A synthetic phosphopeptide derived from Human CD28 around the phosphorylation site of Y218.
Positive control	HepG2 cell extracts, treated with nocodazole (1ug/ml, 16 hours).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride Note: PBS is without Mg ²⁺ and Ca ²⁺
Purity	Immunogen affinity purified
Purification notes	ab138404 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab138404** in the following tested applications.

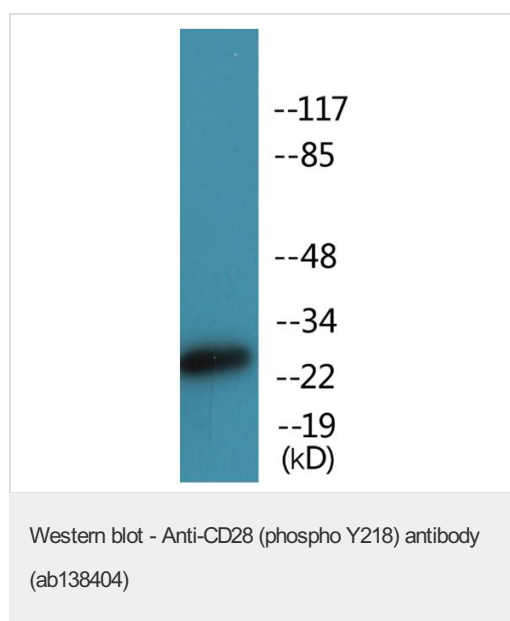
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 25 kDa.

Target

Function	Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.
Tissue specificity	Expressed in T-cells and plasma cells, but not in less mature B-cells.
Sequence similarities	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images



Anti-CD28 (phospho Y218) antibody (ab138404) at 1/500 dilution + HepG2 cell extracts, treated with nocodazole (1ug/ml, 16 hours) at 30 µg

Predicted band size: 25 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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