

**CD28 (pY218) Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51639****Specification**

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**CD28 (pY218) Antibody - Product Information**

Application	<b>WB, E</b>
Primary Accession	<a href="#">P10747</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>25, 44 KDa</b>

**CD28 (pY218) Antibody - Additional Information****Gene ID** 940**Other Names**

T-cell-specific surface glycoprotein CD28, TP44, CD28, CD28

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**CD28 (pY218) Antibody - Protein Information****Name** CD28**Function**

Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival. Enhances the production of IL4 and IL10 in T-cells in conjunction with TCR/CD3 ligation and CD40L costimulation (PubMed:<a href="http://www.uniprot.org/citations/8617933" target="\_blank">8617933</a>). Isoform 3 enhances CD40L-mediated activation of NF-kappa-B and kinases MAPK8 and PAK2 in T-cells (PubMed:<a href="http://www.uniprot.org/citations/15067037" target="\_blank">15067037</a>).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Expressed in T-cells and plasma cells, but not in less mature B-cells

**CD28 (pY218) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **CD28 (pY218) Antibody - Images**

#### **CD28 (pY218) Antibody - Background**

Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.

#### **CD28 (pY218) Antibody - References**

Aruffo A., et al. Proc. Natl. Acad. Sci. U.S.A. 84:8573-8577(1987).  
Lee K.P., et al. J. Immunol. 145:344-352(1990).  
Deshpande M., et al. Hum. Immunol. 63:20-23(2002).  
Hanawa H., et al. Blood 99:2138-2145(2002).  
Gan S.U., et al. Submitted (NOV-2002) to the EMBL/GenBank/DDBJ databases.