

AbboMax, Inc

Innovation at Work

Hamster anti CD28 Antibody

Alternative Names: T44, Tp44

ANTIGEN PREPARATION

Mouse T-Lymphoma EL-4 cells

PURIFICATION

The hamster IgG is purified by Protein A affinity purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer.

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C . Upon initial thawing, apportion into working aliquots and store at -70°C for up to six months. The antibodies can be stored at 2°C - 8°C for one month without detectable loss of activity.

Avoid repeated freezing-thawing cycles.

SPECIFICITY

This antibody reacts with mouse CD28 found predominantly on T cell subsets and activated B cells.

This antibody cross-reacts with Human, Chimpanzee, Baboon. The other species are not tested.

APPLICATIONS AND SUGGESTED WORKING DILUTIONS

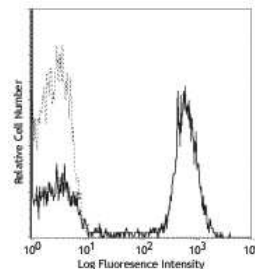
Western Blot	0.1-1 $\mu\text{g/ml}$
ELISA	0.01-0.1 $\mu\text{g/ml}$
Immunoprecipitation	2-5 $\mu\text{g/ml}$
IHC	2-5 $\mu\text{g/ml}$
Flow cytometry	5-10 $\mu\text{g/ml}$

Optimal dilutions should be determined by researchers for the specific applications.

MOLECULAR WEIGHT: 44 kDa

POSITIVE CONTROL: Thymocytes, CD4+, CD8+ peripheral T cells, NK cells

CELLULAR LOCATION: Type I membrane protein



Human peripheral blood lymphocytes stained with CD28.2 PE at 0.5 μg per 10^6 cells in 100 μl volume or 100 μl whole blood.

Order Information

Description: Hamster anti CD28

Catalogue#: 601-800

Size: (100 μg /200 μl)

Lot#: See the label

Host: Hamster IgG1 κ

Clone: CD37.51.1

Application: ELISA, FC, IP IHC

Reactivity: Hu/Ms

FOR RESEARCH USE ONLY.