

ARG65638
anti-CD28 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CD28
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Target Name	CD28
Species	Human
Immunogen	Synthetic peptide around the center region of Human CD28 (SQQLQVYSKTGFNCD)
Conjugation	Un-conjugated
Alternate Names	Tp44; TP44; T-cell-specific surface glycoprotein CD28; CD antigen CD28

Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 2 µg/ml
	WB	0.3 - 1 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

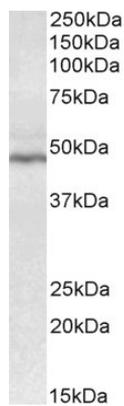
Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

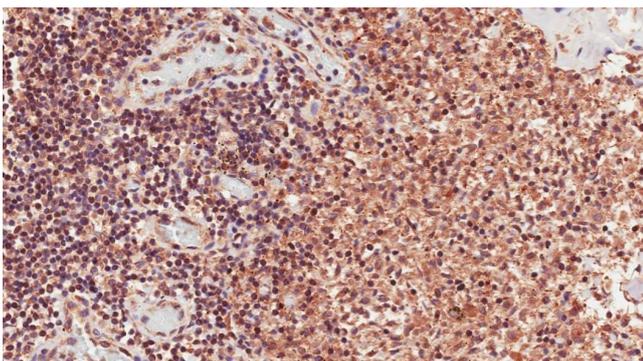
Database links	GeneID: 940 Human Swiss-port # P10747 Human
Gene Symbol	CD28
Gene Full Name	CD28 molecule
Background	The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]
Function	Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.
Research Area	Developmental Biology antibody; Immune System antibody; Cytotoxic T Cell Surface Study antibody
Calculated Mw	25 kDa
PTM	CD40LG induces tyrosine phosphorylation of isoform 3.

Images



ARG65638 anti-CD28 antibody WB image

Western blot: 35 µg of Human Tonsil lysate stained with ARG65638 anti-CD28 antibody at 0.3 µg/ml dilution (1h incubation).



ARG65638 anti-CD28 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lymph node tissue. Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG65638 anti-CD28 antibody at 2 µg/ml dilution followed by HRP-staining.