

Product datasheet

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ARG42763 anti-CD80 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes CD80

Tested Reactivity Hu

Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name CD80

Species Human

Immunogen Synthetic peptide derived from Human CD80.

Conjugation Un-conjugated

Alternate Names B7.1; CTLA-4 counter-receptor B7.1; CD28LG; T-lymphocyte activation antigen CD80; B7-1; CD28LG1;

B7; LAB7; Activation B7-1 antigen; CD antigen CD80; BB1

Application Instructions

Application	Dilution
IHC-P	1:50 - 1:200
WB	1:500 - 1:2000
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Raji	
~ 60 kDa	
	IHC-P WB * The dilutions indicate recomm should be determined by the sci

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

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. 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

Gene Symbol CD80

Gene Full Name CD80 molecule

Background The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or

CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. [provided by RefSeq,

Aug 2011]

Function Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and

cytokine production is induced by the binding of CD28, binding to CTLA-4 has opposite effects and

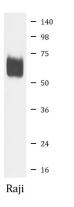
inhibits T-cell activation.

(Microbial infection) Acts as a receptor for adenovirus subgroup B. [UniProt]

Calculated Mw 33 kDa

Cellular Localization Membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG42763 anti-CD80 antibody WB image

Western blot: Raji cell lysate stained with ARG42763 anti-CD80 antibody.