

CD55 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01514
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD55. AA range:101-150
Mol wt	24341
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CD55 Antibody
Synonyms	CD55; CR; DAF; Complement decay-accelerating factor; CD antigen CD55

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CD53 molecule encoded by CD53 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. It contributes to the transduction of CD2-generated signals in T cells and natural killer cells and has been suggested to play a role in growth regulation. Familial deficiency of this gene has been linked to an immunodeficiency associated with recurrent infectious diseases caused by bacteria, fungi and viruses. Alternative splicing results in multiple transcript variants.

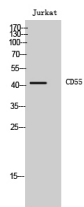
Recommended Dilution

WB: 1: 500 - 1: 2000

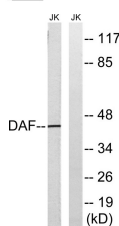
ELISA: 1: 20000

Not yet tested in other applications.

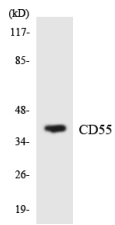
Images



Western Blot analysis of Jurkat cells using CD55 Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using CD55 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using CD55 antibody.

Storage

-20°C for one year

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