CD69 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01532
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD69. AA range:101-150
Mol wt	37408
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CD69 Antibody
Synonyms	CD69; CLEC2C; Early activation antigen CD69; Activation inducer molecule; AIM; BL-AC/P26; C-type lectin domain family 2 member C; EA1; Early T-cell activation antigen p60; GP32/28; Leukocyte surface a

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

Background

CD68 encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms.
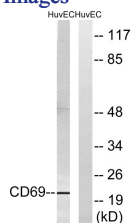
Recommended Dilution
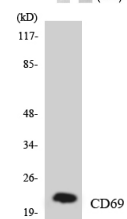
WB: 1: 500 - 1: 2000

ELISA: 1: 40000

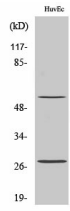Not yet tested in other applications.

Images

Western blot analysis of lysates from HUVEC cells, using CD69 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from HUVECcells using CD69 antibody.

HuvEc

(kD)
117-
85-

48-

34-

26-

19-

Western Blot analysis of various cells using CD69 Polyclonal Antibody diluted at 1:1000

Storage

-20°C for one year