



Datasheet for ABIN1724738

anti-CD69 antibody



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3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	CD69
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD69 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human CD69 expressed in E. coli.
Clone:	8B6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD69
Alternative Name:	CD69 (CD69 Products)
Background:	Description: Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets Subcellular location: Membrane, Single-pass type II membrane protein Tissue specificity: Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets

Target Details

Sequence similarities: Contains 1 C-type lectin domain.

Aliases: CLEC2C, CD69

Molecular Weight: 22.5 kDa

Gene ID: 969

HGNC: 969

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

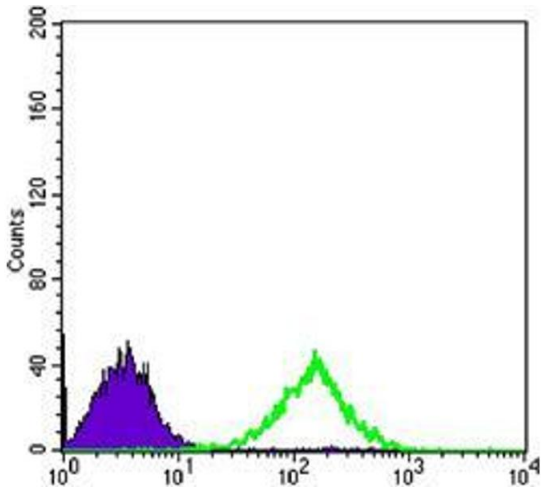
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

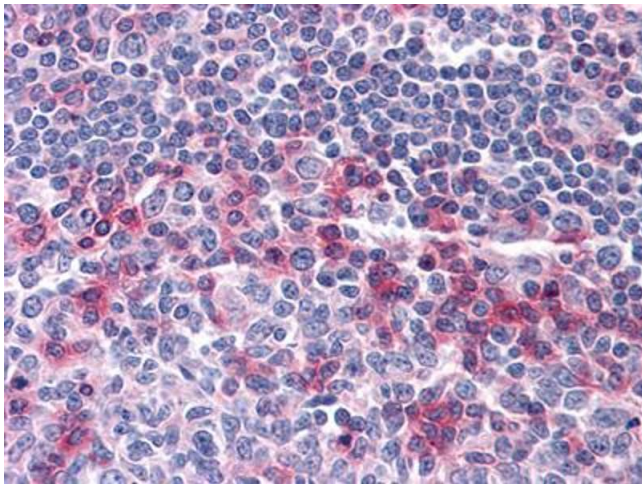
Product cited in: Armstrong, Corazzari, Martin, Pagliarini, Falasca, Hill, Ellis, Al Sabah, Redfern, Fimia, Piacentini, Lovat: "Oncogenic B-RAF signaling in melanoma impairs the therapeutic advantage of autophagy inhibition." in: **Clinical cancer research : an official journal of the American Association for Cancer Research**, Vol. 17, Issue 8, pp. 2216-26, (2011) ([PubMed](#)).

Di Bartolomeo, Corazzari, Nazio, Oliverio, Lisi, Antonioli, Pagliarini, Matteoni, Fuoco, Giunta, DAmelio, Nardacci, Romagnoli, Piacentini, Cecconi, Fimia: "The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy." in: **The Journal of cell biology**, Vol. 191, Issue 1, pp. 155-68, (2010) ([PubMed](#)).



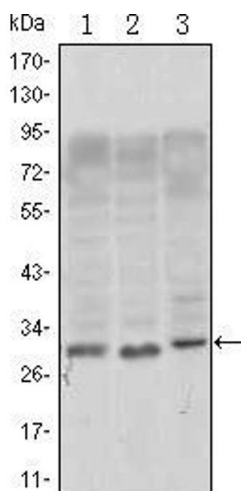
Flow Cytometry

Image 1. Flow cytometric analysis of Jurkat cells using CD69 mouse mAb (green) and negative control (purple).



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using anti-CD69 mouse mAb



Western Blotting

Image 3. Western blot analysis using CD69 mouse mAb against Jurkat (1), L1210 (2) and TPH-1 (3) cell lysate.