

Datasheet for ABIN7111354 **anti-JAML antibody**



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Overview

Quantity:	100 µg
Target:	JAML (AMICA1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JAML antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	adhesion molecule, interacts with CXADR antigen 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	JAML (AMICA1)
Alternative Name:	JAML (AMICA1 Products)
Background:	Synonyms:AMICA1 Background:Transmembrane protein of the plasma membrane of leukocytes that control their migration and activation through interaction with CXADR, a plasma membrane receptor found on adjacent epithelial and endothelial cells. The interaction between

Target Details

both receptors mediates the activation of gamma-delta T-cells, a subpopulation of T-cells residing in epithelia and involved in tissue homeostasis and repair. Upon epithelial CXADR-binding, JAML induces downstream cell signaling events in gamma-delta T-cells through PI3-kinase and MAP kinases. It results in proliferation and production of cytokines and growth factors by T-cells that in turn stimulate epithelial tissues repair. It also controls the transmigration of leukocytes within epithelial and endothelial tissues through adhesive interactions with epithelial and endothelial CXADR.

Molecular Weight: 30kd,44kd,50-60kd

Gene ID: 120425

UniProt: [Q86YT9](#)

Application Details

Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months