

Anti-VAP1 antibody [174-5] ab81718

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Overview

Product name	Anti-VAP1 antibody [174-5]
Description	Mouse monoclonal [174-5] to VAP1
Host species	Mouse
Tested applications	Suitable for: IHC-Fr
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human VAP1.
Positive control	Human tonsil tissue.
General notes	<p>This antibody inhibits lymphocyte infiltration in liver allograft rejection in rats.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.1% BSA, PBS
Purification notes	ab81718 is purified and 0.2µM filtered.
Primary antibody notes	This antibody inhibits lymphocyte infiltration in liver allograft rejection in rats.
Clonality	Monoclonal
Clone number	174-5
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab81718 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-Fr		1/50.

Target

Function

Cell adhesion protein that participates in lymphocyte recirculation by mediating the binding of lymphocytes to peripheral lymph node vascular endothelial cells in an L-selectin-independent fashion. Has a monoamine oxidase activity. May play a role in adipogenesis.

Tissue specificity

Strongly expressed on the high endothelial venules of peripheral lymph nodes and on hepatic endothelia. Also highly expressed in appendix, lung and small intestine. Expressed also in adipose tissue, in bone marrow, colon, heart, kidney, ovary, pancreas, placenta, prostate, skeletal muscle, spleen and testis.

Sequence similarities

Belongs to the copper/topaquinone oxidase family.

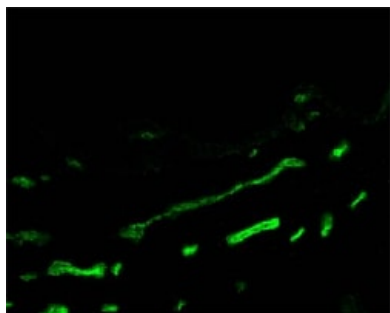
Post-translational modifications

Topaquinone (TPQ) is generated by copper-dependent autoxidation of a specific tyrosyl residue. N- and O-glycosylated.

Cellular localization

Membrane.

Images



ab81718 at 1/50 dilution staining VAP1 in human tonsil tissue section by Immunohistochemistry (frozen sections).

Immunohistochemistry (Frozen sections) - Anti-VAP1 antibody [174-5] (ab81718)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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