

Product datasheet

Anti-CD11c antibody [FK24] ab23602

★★★★★ [2 Abreviews](#) [1 References](#)

Overview

Product name	Anti-CD11c antibody [FK24]
Description	Mouse monoclonal [FK24] to CD11c
Host species	Mouse
Tested applications	Suitable for: ICC, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD11c.
General notes	<p>ab23602 can be used for the identification of CD11c-positive cells using immunoperoxidase procedures. It can thus be used for the identification of monocytes and granyocytes using immunoperoxidase procedures. In addition it seems useful for identification of myelomonocytic and monocytic leukemias.</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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.3 Constituent: Ascites
Purity	Protein A purified
Primary antibody notes	ab23602 can be used for the identification of CD11c-positive cells using immunofluorescence or immunoperoxidase procedures. It can thus be used for the identification of monocytes and granyocytes using either immunofluorescence or immunoperoxidase procedures. In addition it seems useful for identification of myelomonocytic and monocytic leukemias.
Clonality	Monoclonal

Clone number	FK24
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab23602 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
ICC		Use at an assay dependent concentration. Dilute antibody preferably in PBS plus 1% BSA and 0.01% Na-azide.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. Dilute antibody preferably in PBS plus 1% BSA and 0.01% Na-azide.

Target

Function	Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.
Tissue specificity	Predominantly expressed in monocytes and granulocytes.
Sequence similarities	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
Domain	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
Cellular localization	Membrane.

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