

Product datasheet

Anti-CD83 antibody [3D11] ab252822

Recombinant

[1 References](#) [2 Images](#)

Overview

Product name	Anti-CD83 antibody [3D11]
Description	Rat monoclonal [3D11] to CD83
Host species	Rat
Tested applications	Suitable for: Flow Cyt Unsuitable for: IHC-P
Species reactivity	Reacts with: Mouse
Immunogen	The details of the immunogen for this antibody are not available.
Positive control	Flow Cyt: Mouse splenocytes treated with LPS.
General notes	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</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	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol
Purity	Protein A purified
Clonality	Monoclonal
Clone number	3D11
Isotype	IgG2a

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab252822 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
Flow Cyt		1/1000.

Application notes Is unsuitable for IHC-P.

Target

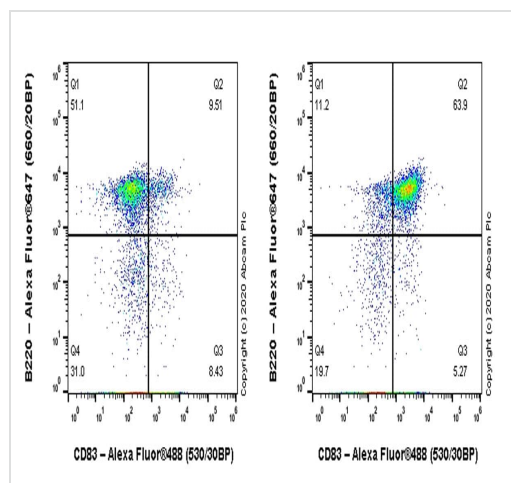
Function May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.

Tissue specificity Expressed by activated lymphocytes, Langerhans cells and interdigitating reticulum cells.

Sequence similarities Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization Membrane.

Images







Flow cytometric analysis of mouse splenocytes treated with 10 µg/ml lipopolysaccharide (LPS) for 4h (Right) / Untreated control (Left) cells labelling CD83 with ab252822 at 1/1000 dilution (0.1 µg). Goat F(ab)₂ Anti-rat IgG Fc (Alexa Fluor® 488, **ab150161** at 1/2000 dilution was used as the secondary antibody.

Cells were stained with ab252822. Then stained with anti-B220 conjugated to Alexa Fluor® 647. Gated on viable cells.

Flow Cytometry - Anti-CD83 antibody [3D11]
(ab252822)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-CD83 antibody [3D11] (ab252822)

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

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