

Product datasheet

Anti-CD86 antibody [GL-1] ab119857

★☆☆☆☆ **2 Abreviews** **27 References**

Overview

Product name	Anti-CD86 antibody [GL-1]
Description	Rat monoclonal [GL-1] to CD86
Host species	Rat
Tested applications	Suitable for: IHC-Fr, Blocking, IP, ICC/IF, Functional Studies, Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	LPS-activated CBA/Cs Mouse splenic B cells.
Positive control	Mouse splenocytes.
General notes	<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. Do Not Freeze. Store undiluted.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.87% Sodium chloride, 0.14% Monobasic dihydrogen sodium phosphate</p>
Purity	Affinity purified
Purification notes	This purified format is guaranteed to be >90% pure as determined by SDS-PAGE analysis.
Clonality	Monoclonal
Clone number	GL-1
Isotype	IgG2a

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab119857 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		Use at an assay dependent concentration.
Blocking		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab18450 - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Function	Receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4. May play a critical role in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation. Isoform 2 interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation.
Tissue specificity	Expressed by activated B-lymphocytes and monocytes.
Sequence similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Post-translational modifications	Polyubiquitinated; which is promoted by MARCH8 and results in endocytosis and lysosomal degradation.
Cellular localization	Membrane.

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