

Product datasheet

Anti-CD27 antibody [LT27] (Allophycocyanin) ab239293

1 Image

Overview

Product name	Anti-CD27 antibody [LT27] (Allophycocyanin)
Description	Mouse monoclonal [LT27] to CD27 (Allophycocyanin)
Host species	Mouse
Conjugation	Allophycocyanin. Ex: 645nm, Em: 660nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD27. (Human peripheral blood lymphocytes).
Positive control	Flow Cyt: Human peripheral blood cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	Preservative: 0.0975% Sodium azide Constituent: PBS
Purity	Size exclusion
Purification notes	Purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Clonality	Monoclonal
Clone number	LT27
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab239293** in the following tested applications.

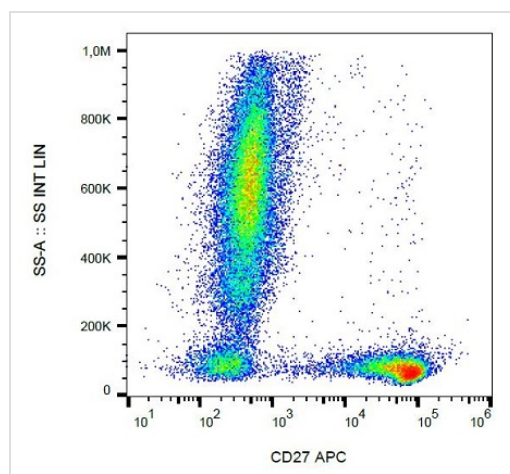
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 10µl for 10 ⁶ cells. (or 100 µl of whole blood).

Target

Function	Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SMA1.
Tissue specificity	Found in most T-lymphocytes.
Sequence similarities	Contains 3 TNFR-Cys repeats.
Post-translational modifications	Phosphorylated and O-glycosylated.
Cellular localization	Membrane.

Images



Flow cytometric analysis of human peripheral blood cells labeling CD27 with ab239293. Surface staining. Gated on leukocytes.

Flow Cytometry - Anti-CD27 antibody [LT27]
(Allophycocyanin) (ab239293)

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