

Product datasheet

Anti-CD28 antibody [CD28.2] (PerCP) ab88034

7 References

Overview

Product name	Anti-CD28 antibody [CD28.2] (PerCP)
Description	Mouse monoclonal [CD28.2] to CD28 (PerCP)
Host species	Mouse
Conjugation	PerCP. Ex: 482nm, Em: 675nm
Specificity	Reacts with CD28, a disulfide-linked homodimeric type I glycoprotein (monomer of Mw 44 kDa) which is a critical costimulatory receptor of T cells.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Non human primates ▲
Immunogen	DC28.1.3.3 hybridoma cells
Positive control	Human blood cells
General notes	The purified antibody (>95% by SDS-PAGE) is conjugated with Peridinin-chlorophyll-protein complex (PerCP) under optimum conditions.

Properties

Form	Prediluted
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.097% Sodium azide Constituent: 0.2% BSA 0.2% BSA (high-grade, protease free)
Purity	Size exclusion
Purification notes	The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Clonality	Monoclonal
Clone number	CD28.2
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab88034** 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
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Flow Cyt		Use 10µl for 10 ⁶ cells. ab118658 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
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Target

Function	Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.
Tissue specificity	Expressed in T-cells and plasma cells, but not in less mature B-cells.
Sequence similarities	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

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