

Product datasheet

Anti-Syndecan-1 antibody [B-A38] (PerCP) ab82401

Overview

Product name	Anti-Syndecan-1 antibody [B-A38] (PerCP)
Description	Mouse monoclonal [B-A38] to Syndecan-1 (PerCP)
Host species	Mouse
Conjugation	PerCP. Ex: 482nm, Em: 675nm
Specificity	Recognizes CD138 (syndecan 1), a 65-70 kDa heparan sulfate proteoglycan expressed mainly in the epidermis and plasma cells, but also in growth factor-stimulated lymphocytes.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	U266 human peripheral blood myeloma cell line
General notes	The purified antibody is conjugated with Peridinin-chlorophyll-protein complex (PerCP) under optimum conditions. The conjugate is purified by size exclusion chromatography and adjusted for direct use.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.097% Sodium azide Constituent: 0.2% BSA
Purity	0.2% high-grade protease free BSA Size exclusion
Purification notes	This conjugate was made from highly purified antibodies (>95% by SDS-PAGE)
Clonality	Monoclonal
Clone number	B-A38
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab82401** 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

Application notes

Flow Cyt: Use 20µl for 10⁶ cells or use 20µl for 100ul human whole blood.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links the cytoskeleton to the interstitial matrix.

Sequence similarities

Belongs to the syndecan proteoglycan family.

Cellular localization

Membrane.

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