

## ARG56077 anti-CD43 antibody [84-3C1]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [84-3C1] recognizes CD43
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	84-3C1
Isotype	IgG1, kappa
Target Name	CD43
Species	Human
Immunogen	Stimulated Human leukocytes.
Conjugation	Un-conjugated
Alternate Names	LSN; CD43; GALGP; GPL115

### Application Instructions

Application table	Application	Dilution
	FACS	0.5 - 1 µg/10 <sup>6</sup> cells in 0.1ml
	ICC/IF	1 - 2 µg/ml
	IHC-P	0.5 - 1 µg/ml
	WB	1 - 2 µg/ml

**Application Note** Antigen retrieval for IHC-P: Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.

\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

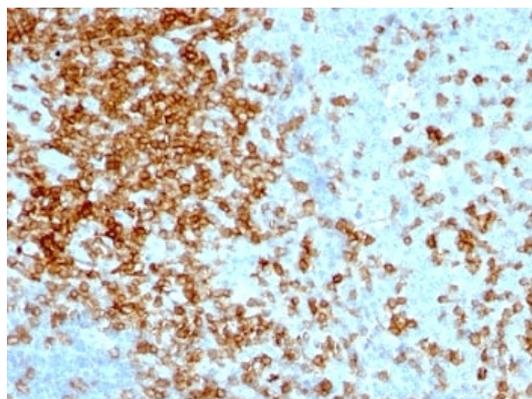
## Bioinformation

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Database links	<a href="#">GeneID: 6693 Human</a> <a href="#">Swiss-port # P16150 Human</a>
Gene Symbol	SPN
Gene Full Name	sialophorin
Background	The protein encoded by this gene is a major sialoglycoprotein found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It may be part of a physiologic ligand-receptor complex involved in T-cell activation. During T-cell activation, this protein is actively removed from the T-cell-APC (antigen-presenting cell) contact site, suggesting a negative regulatory role in adaptive immune response. [provided by RefSeq, Sep 2011]
Function	One of the major glycoproteins of thymocytes and T lymphocytes. Plays a role in the physicochemical properties of the T-cell surface and in lectin binding. Presents carbohydrate ligands to selectins. Has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. Is a counter-receptor for SN/Siglec-1 (By similarity). During T-cell activation is actively removed from the T-cell-APC (antigen-presenting cell) contact site thus suggesting a negative regulatory role in adaptive immune response (By similarity). [UniProt]
Calculated Mw	40 kDa
Cellular Localization	Cell surface

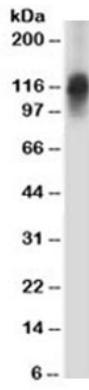
## Images

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ARG56077 anti-CD43 antibody [84-3C1] IHC-P image

Immunohistochemistry: Formalin-fixed, paraffin-embedded Human tonsil stained with ARG56077 anti-CD43 antibody [84-3C1].



ARG56077 anti-CD43 antibody [84-3C1] WB image

Western blot: Ramos cell lysate stained with ARG56077 anti-CD43 antibody [84-3C1].