

Product datasheet MON1122

MONOSAN[®]

Mouse anti-CD43, clone MEM-59 (Monoclonal)

Clone no. MEM-59

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Product name	Mouse anti-CD43, clone MEM-59 (Monoclonal)
Host	Mouse
Applications	FC , IP, WB, IHC-P
Species reactivity	Human
Conjugate	-
Immunogen	Human T lymphocytes.
Isotype	IgG1
Clonality	Monoclonal
Clone number	MEM-59
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

CD43 (leukosialin, sialophorin) is a transmembrane mucin-like protein with high negative charge, expressed on the surface of most hematopoietic cells. CD43 contributes to a repulsive barrier that interferes with cellular adhesion, however, in certain cases also promotes leukocyte aggregation. By interaction with actin-binding proteins ezrin and moesin CD43 plays a regulatory role in remodeling T-cell morphology and regulates cell-cell interactions during lymphocyte traffic. CD43 signaling both enhances LFA-1 adhesiveness and counteracts LFA-1 induction via other receptors. Expression of CD43 causes induction of functionally active tumour suppressor p53 protein, but in case of p53 and ARF deficiency CD43 promotes tumour proliferation and viability. It appears to be an important modulator of leukocyte functions.

References	1.	-
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