

Product datasheet for **AM08160FC-N**

LOC105369261 Mouse Monoclonal Antibody [Clone ID: DF-T1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DF-T1
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry: 10 μ l/10 ⁶ cells. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes CD43.
Formulation:	PBS containing 0.09% Sodium Azide as preservative Label: FITC State: Liquid purified Ig fraction. Label: Fluorescein Isothiocyanate Isomer 1
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	Entrez Gene 105369261 Human P16150



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Background:

CD43 is one of the major glycoproteins of thymocytes and T lymphocytes, it plays a role in the physicochemical properties of the T cell surface and in lectin binding. CD43 presents carbohydrate ligands to selectins. It has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. The antigen is a counter receptor for SN/Siglec1. During T cell activation CD43 is actively removed from the T cell antigen presenting cell contact site suggesting a negative regulatory role in adaptive immune response.

CD43 is expressed by the majority of leucocytes, with the exception of most B cells. However CD43 expression is seen in some cases of B cell lymphocytic lymphoma and centrocytic lymphoma.

Synonyms:

Leukocyte sialoglycoprotein, Sialophorin, Galactoglycoprotein, SPN