

## Product datasheet for **AM08160SU-N**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	DF-T1
Applications:	IHC
Recommended Dilution:	<b>Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections:</b> 1/100 Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Tonsil, CLL/SLL, or lymph node.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Stimulated Human leukocytes.
Specificity:	Recognizes CD43. Cellular Localization: Cell membrane.
Formulation:	State: Supernatant State: Tissue Culture Supernatant with 0.2% BSA and 15mM Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">Entrez Gene 9332 Human</a> <a href="#">Entrez Gene 105369261 Human P16150</a>
Background:	CD43 is a cell surface glycoprotein which is expressed on all thymocytes and T-cells. CD43 is involved in activation of T cells, B cells, NK cells, and monocytes. CD43, which is also known as leukosialin, galactoglycoprotein and sialophorin. CD43 is a sialomucin which like many mucins can have both adhesive and anti-adhesive functions. Expression of CD43 is found on most leukocytes except resting B lymphocytes. Proteolytic processing upon activation decreases surface expression. CD43 is involved in activation of T cells, B cells, NK cells, and monocytes. The counter-receptor for CD43 is CD169/SIGLEC-1, which is expressed on macrophages.

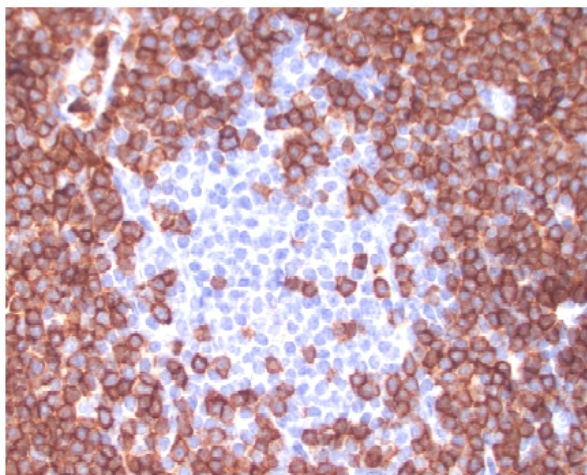


[View online »](#)

**Synonyms:** Leukocyte sialoglycoprotein, Sialophorin, Galactoglycoprotein, SPN

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Product images:**



Formalin-Fixed, Paraffin-Embedded Human lymph node stained with CD43 antibody Cat.-No. AM08160SU-N using peroxidase conjugate and DAB chromogen. Note the cell membrane staining of perifollicular T-cells.