

Product datasheet for **TA386369**

CD43 (SPN) Mouse Monoclonal Antibody [Clone ID: 84-3C1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	84-3C1
Applications:	FC, IF, IHC, IP, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing mice with stimulated human leukocytes.
Specificity:	<p>This antibody recognizes CD43 which is a predominant cell surface sialoprotein of leukocytes which regulates multiple T-cell functions, including T-cell activation, proliferation, differentiation, trafficking and migration.</p> <p>This antibody can be used in the identification of malignant lymphomas. CD43 is expressed on 22-37% of B-cell lymphomas and, at the same time, it is not expressed on reactive B-cells. Consequently, B-lineage population that co-expresses CD43 is highly likely to be a malignant lymphoma. If used with an anti-CD20 antibody, this clone may be utilized in the immunophenotyping of the lymphomas in formalin-fixed tissues, as Co-staining of a lymphoid infiltrate with anti-CD20 and anti-CD43 usually indicates lymphoma. Importantly, 84-3C1 antibody can be used for the detection of CD43 via various methods. For instance, it was successful in identifying that antigen in a lysate of dendritic cells' platelet via Western blot (Julien et al., 2007). Finally, another group used this antibody during flow cytometric analysis a sample of B-cells (Yoon et al., 2017).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	sialophorin



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Synonyms: CD43; Galactoglycoprotein; GALGP; GPL115; leukosialin; LSN; Sialophorin