

Product datasheet for **TA363851**

Spn Mouse Monoclonal Antibody [Clone ID: WEN3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	WEN3
Applications:	IHC
Recommended Dilution:	Each lot of this antibody has been tested and validated for immunohistochemistry (IHC); the antibody has been described to work in FACS. Approximate working dilution for IHC: Frozen sections: 0.1µg/ml (1:4000) Paraffin sections: 5µg/ml (1:80); microwave pretreatment for antigen retrieval is recommended. Optimal dilutions should be determined by the end user. Suggested positive control: rat spleen.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	rat lymphokine activated killer (LAK) cells
Specificity:	Rat: subpopulations of CD4+, CD8+ T-cells. Other: does not react with porcine tissue.

Epitope: The antigen has been identified as rat CD43, the epitope has not been characterized.

Distribution: Tissue sections: Cells in T-cell areas mostly show a weak reaction, whereas strong staining is seen in scattered splenic cells in the red pulp.

Formulation:	Affinity purified from cell culture supernatant, lyophilized, packaged under nitrogen. Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.05% (v/v) Kathon CG as a preservative.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: 1 year at 4° - 8°C. Minimize repeated thawing and freezing of the stock solution.
Gene Name:	sialophorin



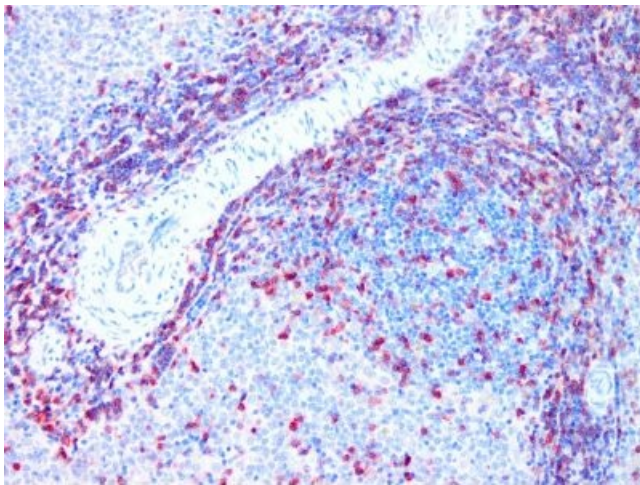
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Database Link: [Entrez Gene 24796 Rat P13838](#)

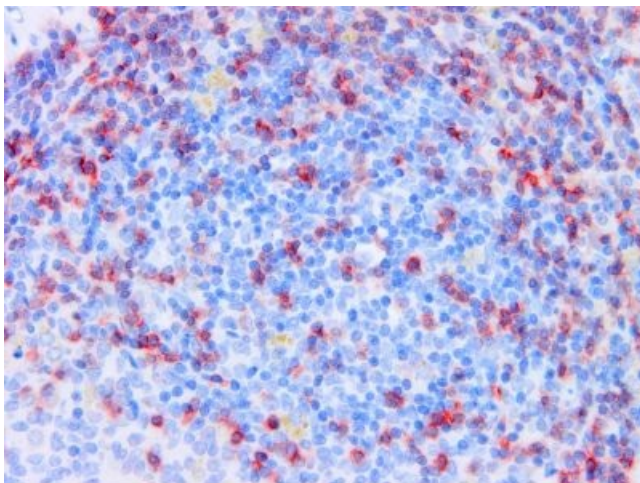
Background: Monoclonal antibody WEN3 reacts with rat CD43, also known as Leukosialin, Sialophorin or W3/13 antigen. CD43 is a major glycoprotein of thymocytes and T lymphocytes, a factor in lectin binding and counter-receptor for Siglec-1 (Sialoadhesin). CD43 is a single-pass type I membrane protein with a 371 amino acid backbone that presents carbohydrate ligands to selectins. T cells express two glycoforms of CD43, with molecular weights of 115 kDa and 130 kDa due to different glycosylation patterns. This antibody was produced in vitro from cell culture supernatant.

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

Product images:



TA363851, Clone WEN3, rat spleen, paraffin section



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