

Product datasheet for TA800394

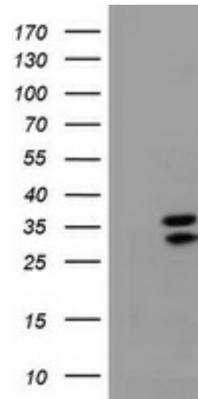
CD20 (MS4A1) Mouse Monoclonal Antibody [Clone ID: OTI1H4]

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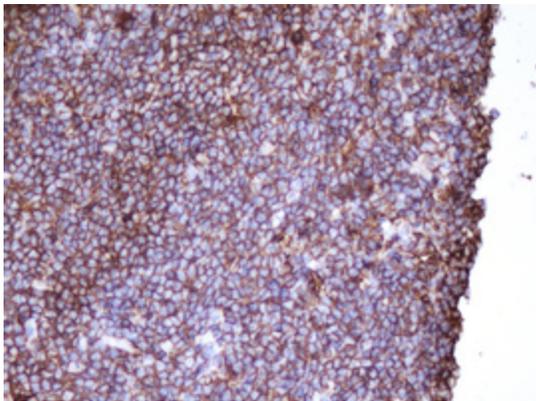
Product Type:	Primary Antibodies
Clone Name:	OTI1H4
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MS4A1 (NP_068769) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	32.9 kDa
Gene Name:	membrane spanning 4-domains A1
Database Link:	NP_068769 Entrez Gene 931 Human
Background:	This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq]
Synonyms:	B1; Bp35; CD20; CVID5; LEU-16; MS4A2; S7
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Hematopoietic cell lineage



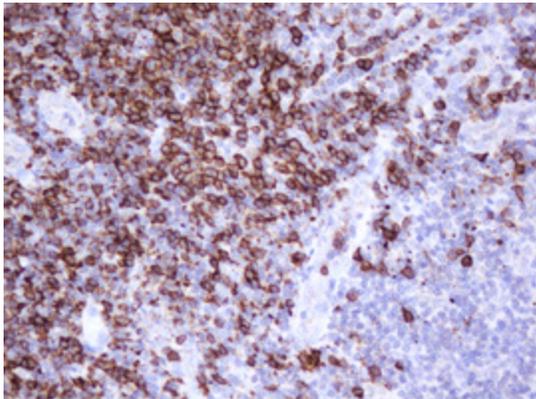
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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MS4A1 [RC201242], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MS4A1. Positive lysates [LY402889] (100ug) and [LC402889] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-MS4A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA800394)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-MS4A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA800394)