

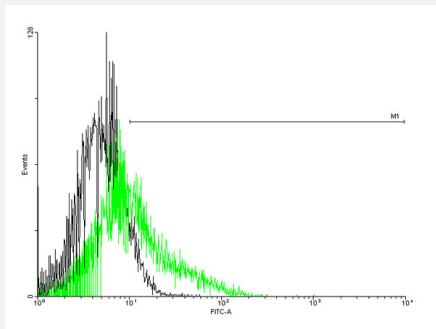
MaxPab®

MS4A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000931-B01P

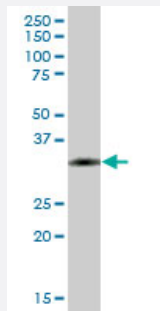
Size 50 ug

Applications



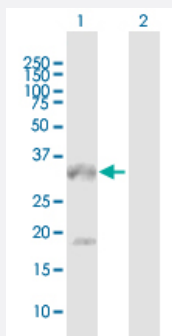
Flow Cytometry

FACS analysis of negative control 293 cells (Black) and MS4A1 expressing 293 cells (Green) using MS4A1 purified MaxPab mouse polyclonal antibody.



Western Blot (Tissue lysate)

MS4A1 MaxPab polyclonal antibody. Western Blot analysis of MS4A1 expression in human spleen.

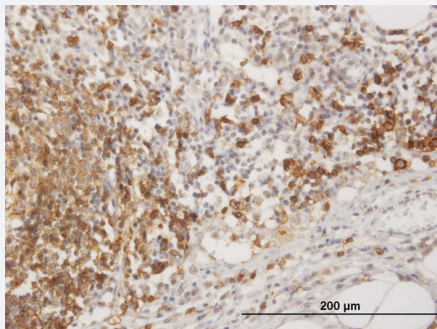


Western Blot (Transfected lysate)

Western Blot analysis of MS4A1 expression in transfected 293T cell line ([H00000931-T01](#)) by MS4A1 MaxPab polyclonal antibody.

Lane 1: MS4A1 transfected lysate(32.67 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to MS4A1 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MS4A1 protein.
Immunogen	MS4A1 (NP_068769.2, 1 a.a. ~ 297 a.a) full-length human protein.
Sequence	MTTPRNSVNGTFPAEPMKGPIAMQSGPKPLFRMSSLVGPTQSFFMRESKTLGAVQIMNGLFHIALGGLLMIPAGIYAPICVTWYPLWGGIMYISGSLLAATEKNSRKCLVKGKMIMNSLSLFAAISGMILSIMDILNKISHFLKMESLNFIRAHTPYINYNCEPANPSEKNPSTQYCYSIQSLFLGILSVMLIFAFFQELVIAGVNEWKRTCSPKSNIVLLSAEEKKEQTIEIKEEVVGLTETSSQPKNEEDIEIPIQEEEEEEETETNFPEPPQDQESSPIENDSSP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

Flow Cytometry

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Western Blot (Tissue lysate)

MS4A1 MaxPab polyclonal antibody. Western Blot analysis of MS4A1 expression in human spleen.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MS4A1 expression in transfected 293T cell line ([H00000931-T01](#)) by MS4A1 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to MS4A1 on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Gene Info — MS4A1

Entrez GeneID [931](#)

GeneBank Accession# [NM_021950.3](#)

Protein Accession# [NP_068769.2](#)

Gene Name MS4A1

Gene Alias B1, Bp35, CD20, LEU-16, MGC3969, MS4A2, S7

Gene Description membrane-spanning 4-domains, subfamily A, member 1

Omim ID [112210](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations B-lymphocyte cell-surface antigen B1|CD20 antigen|CD20 receptor

Publication Reference

- [Identification of an alternative CD20 transcript variant in B-cell malignancies coding for a novel protein associated to rituximab resistance.](#)

Henry C, Deschamps M, Rohrlach PS, Pallandre JR, Remy-Martin JP, Callanan M, Traverse-Glehen A, GrandClement C, Garnache-Ottou F, Gressin R, Deconinck E, Salles G, Robinet E, Tiberghien P, Borg C, Ferrand C.

Blood 2010 Mar; 115(12):2420.

Application: IF, WB, Human, HEK 293T cells

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Neoplasm Recurrence](#)
- [Ovarian cancer](#)