CD20/MS4A1 Monoclonal Antibody

catalog number: **AN200196P**

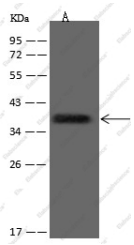
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CD20/MS4A1 Protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A1048
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000
IHC-P	1:100-1:1000
IP	1-5 μL/mg of lysate

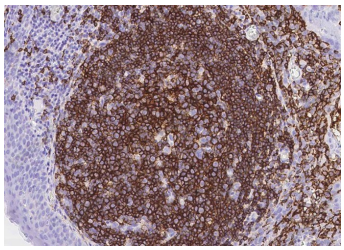
Data



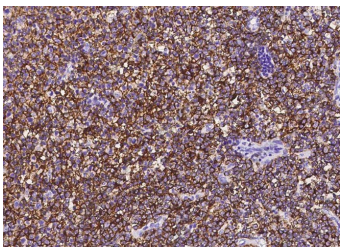
Western Blot with CD20 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Raji Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:36 kDa

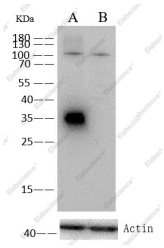
Calculated-MW:33 kDa



Immunohistochemistry of paraffin-embedded human tonsil using CD20/MS4A1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human lymphoma using CD20/MS4A1 Monoclonal Antibody at dilution of 1:200.

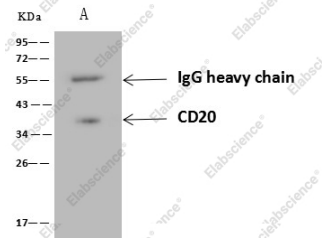


Western Blot with CD20 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: Raji Whole Cell Lysate, Lane B: CD20 konckout Raji Whole Cell Lysate, Lysates/proteins at 10 μg per lane.

Observed-MW:36 kDa

Calculated-MW:33 kDa

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Immunoprecipitation analysis using 4 µL anti-CD20 Monoclonal Antibody and 60 µg of Immunomagnetic beads Protein A/G. Western blot was performed from the immunoprecipitate using CD20 Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg Raji Whole Cell Lysate

Observed-MW:36 kDa

Calculated-MW:33 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

CD20 is a 297 amino acid (aa) non-glycosylated type III membrane protein that is the founding member of the MS4A tetraspanin protein family. It is expressed on pre-B, naïve and mature B lymphocytes and B-cell lymphomas. CD20 is associated with lipid rafts upon crosslinking, and appears to play a role in regulation of ion influx. The one extracellular segment of 48 aa shows 65% aa sequence identity between human and mouse CD20.