

Product Datasheet

CD20/MS4A1 Rabbit Polyclonal Antibody (orb182382)

Catalog Number	orb182382
Category	Antibodies
Description	CD20/MS4A1 Rabbit Polyclonal Antibody
Target	B-lymphocyte antigen CD20
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.
Buffer/Preservatives	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , and 0.05 mg Na ₃ N. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.

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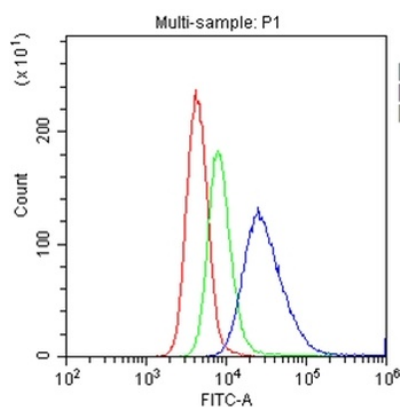
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Immunogen	E.coli-derived human CD20 recombinant protein (Position: M1-D261). Human CD20 shares 75% amino acid (aa) sequence identity with mouse CD20.
UniProt ID	P11836
MW	35 kDa
Tested applications	FC, ICC, IF, IHC, IHC-Fr, WB
Dilution range	Western blot, 0.1-0.5µg/ml Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml Immunohistochemistry (Frozen Section), 0.5-1µg/ml Immunocytochemistry, 0.5-1µg/ml Immunofluorescence, 2µg/ml, Human Flow Cytometry (Fixed), 1-3µg/1x10 ⁶ cells
Specificity	No cross reactivity with other proteins.
Cross Reactivity	No cross-reactivity with other proteins
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Flow Cytometry analysis of U937 cells using anti-CD20 antibody (Blue line). Isotype control antibody (Green line) was rabbit IgG. Unlabelled sample (Red line) was also used as a control.

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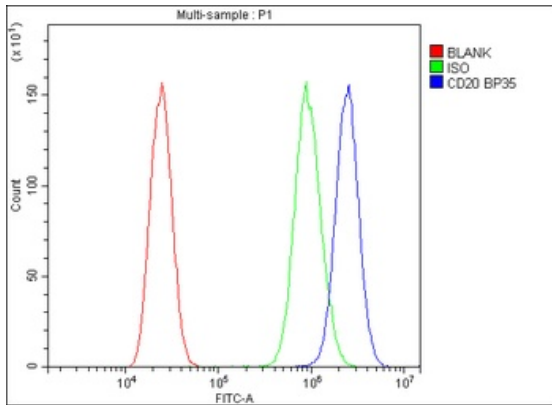
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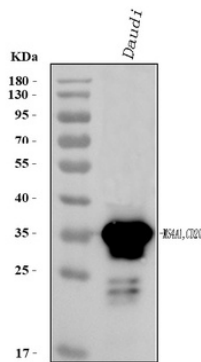
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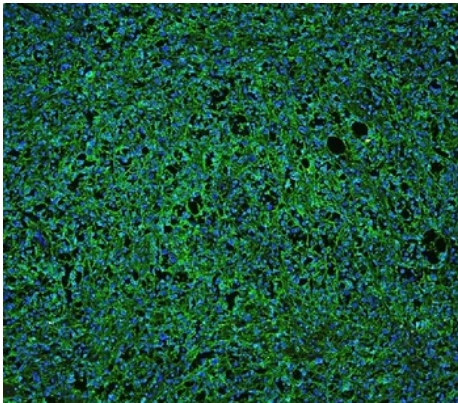
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Flow Cytometry analysis of A431 cells using anti-CD20 antibody (Blue line). Isotype control antibody (Green line) was rabbit IgG. Unlabelled sample (Red line) was also used as a control.



WB analysis of CD20 using anti-CD20 antibody. Lane 1: human Daudi cell.



IF analysis of CD20 using anti-CD20 antibody. CD20 was detected in paraffin-embedded section of human B lymphocytic tumor tissues.

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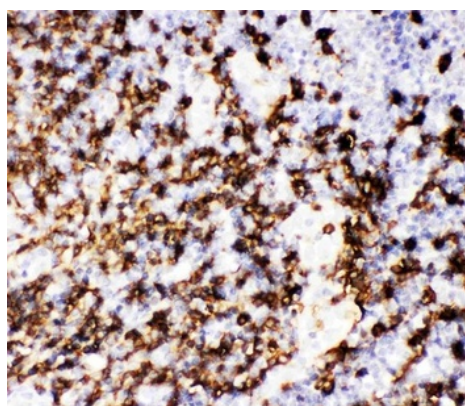
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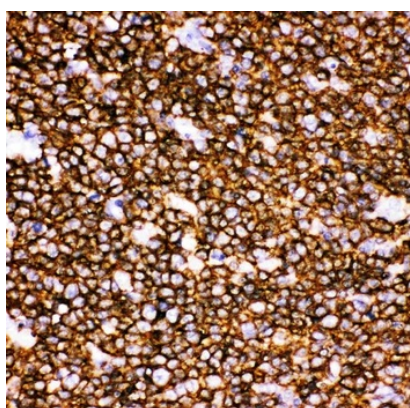
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IHC analysis of CD20 using anti-CD20 antibody. CD20 was detected in paraffin-embedded section of Human Tonsil Tissue.



IHC analysis of CD20 using anti-CD20 antibody. CD20 was detected in paraffin-embedded section of Human Tonsil Tissue.

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