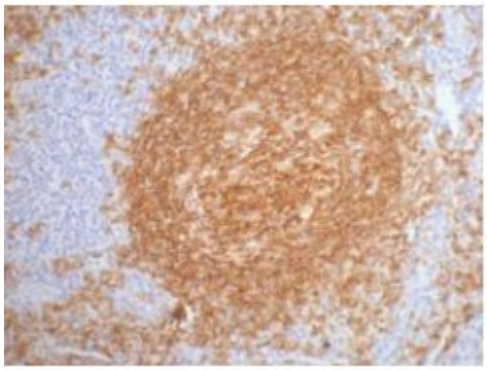
Anti-CD20 antibody



Description	CD20 is a protein encoded by the MS4A1 gene which is approximately 33 kDa. CD20 is localised to the cell membrane. It is involved in hematopoietic cell lineage, B-cell development pathways and dendritic cell developmental lineage pathway. This protein falls under the membrane-spanning 4A gene family. It is a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells and is specifically expressed in B-cells. Mutations in the MS4A1 gene may be involved in Hodgkin lymphoma. STJ96950 was developed from clone 2F4 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Model	STJ96950
Host	Mouse
Reactivity	Human, Mouse, Rat
Applications	IHC
Immunogen	Synthetic Peptide
Gene ID	931
Gene Symbol	MS4A1
Dilution range	IHC 1:200
Specificity	The antibody detects endogenous CD20 proteins.
Tissue Specificity	Expressed on B-cells.
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Clone ID	2F4
Note	For Research Use Only (RUO).
Protein Name	B-lymphocyte antigen CD20 B-lymphocyte surface antigen B1 Bp35 Leukocyte surface antigen Leu-16 Membrane-spanning 4-domains subfamily A member 1 CD antigen CD20
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7315OMIM:112210
Alternative Names	B-lymphocyte antigen CD20 B-lymphocyte surface antigen B1 Bp35 Leukocyte surface antigen Leu-16 Membrane-spanning 4-domains subfamily A member 1 CD antigen CD20
Function	This protein may be involved in the regulation of B-cell activation and proliferation.
Cellular Localization	Cell membrane Cell membrane
Post-translational Modifications	Phosphorylated. Might be functionally regulated by protein kinase(s).