

Anti-Human IgM antibody (1-453) [S2MR] (STJ11103092)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

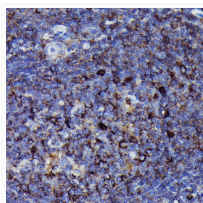
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 49kDa Observed Mw: 75kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

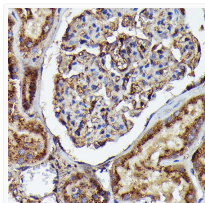
Gene Symbol	IGHM Uniprot ID= IGHM_HUMAN "
Immunogen Region	1-453
Immunogen Sequence	GSASAPTLFPLVSCENSPSD TSSVAVGCLAQDFLPDSITF SWKYKNNSDISSTRGFPSVL RGGKYAATSQVLLPSKDVMO GTDEHVVKVQHPNGNKEKN VPLPVIAELPPKVSFVFPFR DGGFGNPRKSKLICQATGFS PRQIQVSWLREGKQVGSQVTDQVQAEAKESGPTTYKVTS TLTIKESDWLGQSMFTCRVD HRGLTFQQNASSMCVPDQDT AIRVFAIPPSFASIFLTKS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-453 of human IgM (P01871).

ADDITIONAL INFORMATION

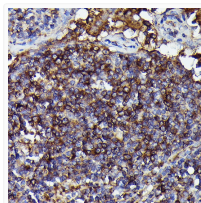
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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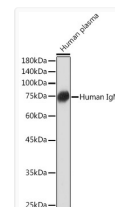
Immunohistochemistry analysis of paraffin-embedded human tonsil using Human IgM Rabbit monoclonal antibody (STJ11103092) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human kidney using Human IgM Rabbit monoclonal antibody (STJ11103092) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human anaplastic large cell lymphoma using Human IgM Rabbit monoclonal antibody (STJ11103092) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Human plasma, using Human IgM Rabbit monoclonal antibody (STJ11103092) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.