

CD32 Polyclonal Antibody

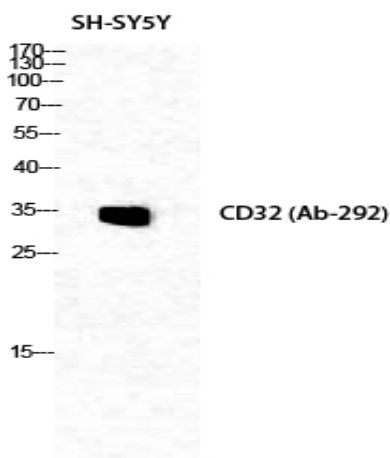
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|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No : | YT0754 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC;IF;ELISA |
| Target : | CD32 |
| Fields : | >>Phagosome;>>Osteoclast differentiation;>>B cell receptor signaling pathway;>>Fc gamma R-mediated phagocytosis;>>Staphylococcus aureus infection;>>Tuberculosis;>>Measles |
| Gene Name : | FCGR2B |
| Protein Name : | Low affinity immunoglobulin gamma Fc region receptor II-b |
| Human Gene Id : | 2213 |
| Human Swiss Prot No : | P31994 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human CD32. AA range:277-326 |
| Specificity : | CD32 Polyclonal Antibody detects endogenous levels of CD32 protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |

Observed Band : 34kD

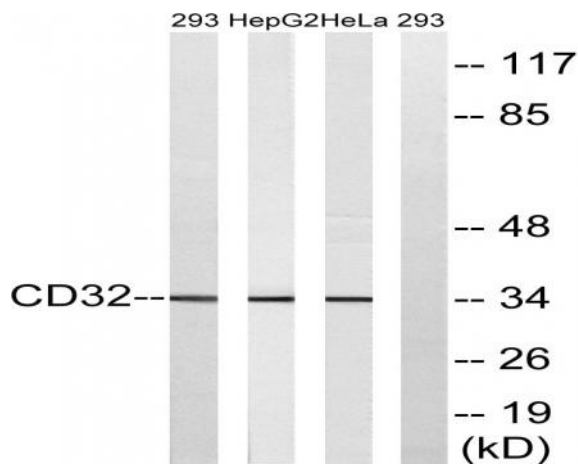
Background :

The Fc fragment of IgG receptor IIb encoded by FCGR2B is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene.

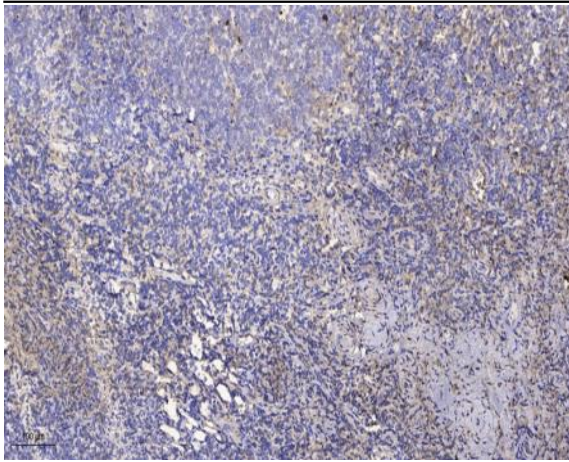
Products Images



Western Blot analysis of SH-SY5Y cells using CD32 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from 293, HepG2, and HeLa cells, treated with PMA 125ng/ml 30', using CD32 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).