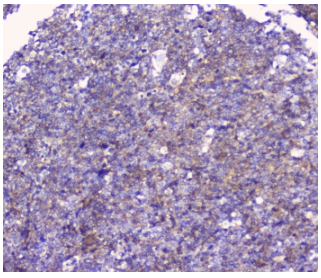
CD32 Antibody / FCGR2A (RQ4568)

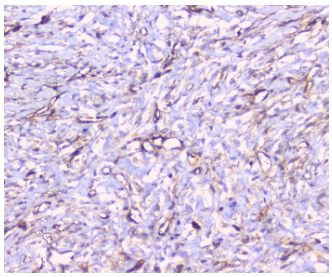
Catalog No.	Formulation	Size
RQ4568	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

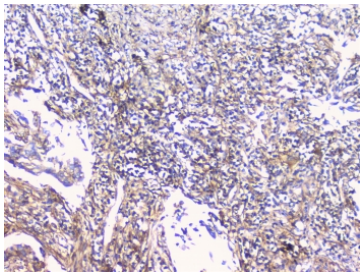
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P12318
Localization	Cytoplasm, plasma membrane
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 1-2ug/ml ELISA (Capture): 1-5ug/ml (recombinant human protein)



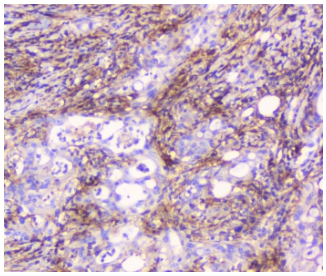
CD32 Antibody Tonsil IHC. Immunohistochemistry staining of FFPE human tonsil tissue with CD32 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



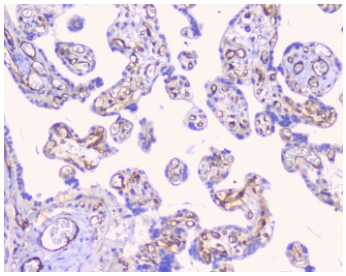
CD32 Antibody Breast Cancer IHC. Immunohistochemistry staining of FFPE human breast cancer with CD32 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



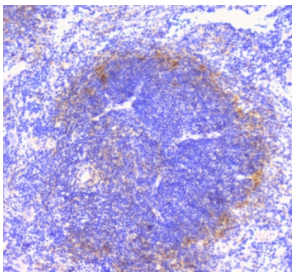
CD32 Antibody Lung Cancer IHC. Immunohistochemistry staining of FFPE human lung cancer with CD32 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



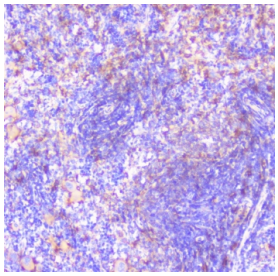
CD32 Antibody Rectal Cancer IHC. Immunohistochemistry staining of FFPE human rectal cancer with CD32 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



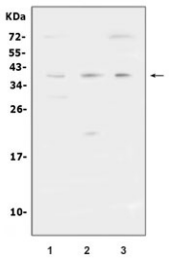
CD32 Antibody Placenta IHC. Immunohistochemistry staining of FFPE human placenta with CD32 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



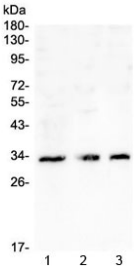
CD32 Antibody Mouse Spleen IHC. Immunohistochemistry staining of FFPE mouse spleen with CD32 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



CD32 Antibody Rat Spleen IHC. Immunohistochemistry staining of FFPE rat spleen with CD32 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



CD32 Antibody WB. Western blot testing of 1) human ThP-1, 2) rat brain and 3) mouse Neuro-2a cell lysate with CD32 antibody at 0.5ug/ml. Predicted molecular weight: 34-40 kDa depending on the level of glycosylation.



CD32 Antibody Human Cell Line WB. Western blot testing of 1) K562, 2) Caco-2 and 3) U-2 OS cell lysate with CD32 antibody at 0.5ug/ml. Predicted molecular weight: 34-40 kDa depending on the level of glycosylation.

Description

CD32 Antibody specifically detects Low affinity immunoglobulin gamma Fc region receptor II-a, also called FCGR2A, a protein that in humans is encoded by the FCGR2A gene. This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. It is mapped to 1q23.3. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.

Researchers studying Fc receptor signaling, immune complex recognition, and leukocyte activation pathways may also benefit from the CD32 Antibody / Low-Affinity Fc Gamma Receptor page featuring western blot, immunohistochemistry, immunofluorescence, and flow cytometry validation data for endogenous FCGR2 detection.

Application Notes

Optimal dilution of the CD32 antibody should be determined by the researcher.

Immunogen

Amino acids Q34-M210 from the human protein were used as the immunogen for the CD32 antibody.

Storage

After reconstitution, the CD32 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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