

CD32A Antibody (clone 13D7)
Mouse Monoclonal Antibody
Catalog # ALS16265

Specification

CD32A Antibody (clone 13D7) - Product Information

Application	IHC, WB, IF
Primary Accession	P12318
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	35kDa KDa

CD32A Antibody (clone 13D7) - Additional Information

Gene ID 2212

Other Names

Low affinity immunoglobulin gamma Fc region receptor II-a, IgG Fc receptor II-a, CDw32, Fc-gamma RII-a, Fc-gamma-RIIa, FcRII-a, CD32, FCGR2A, CD32, FCG2, FCGR2A1, IGFR2

Target/Specificity

Human CD32A / CD32

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CD32A Antibody (clone 13D7) is for research use only and not for use in diagnostic or therapeutic procedures.

CD32A Antibody (clone 13D7) - Protein Information

Name FCGR2A

Synonyms CD32, FCG2, FCGR2A1, IGFR2

Function

Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens. Promotes phagocytosis of opsonized antigens.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Found on monocytes, neutrophils and eosinophil platelets

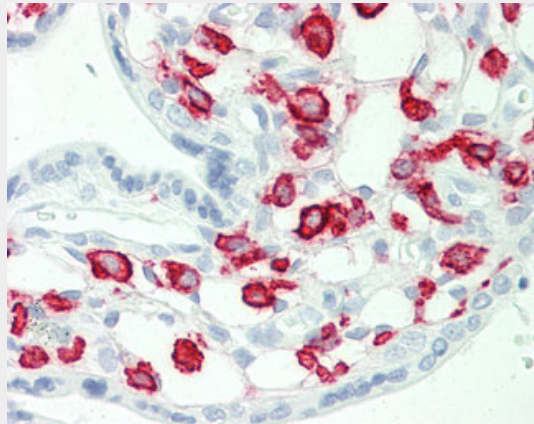
Volume
50 μ l

CD32A Antibody (clone 13D7) - Protocols

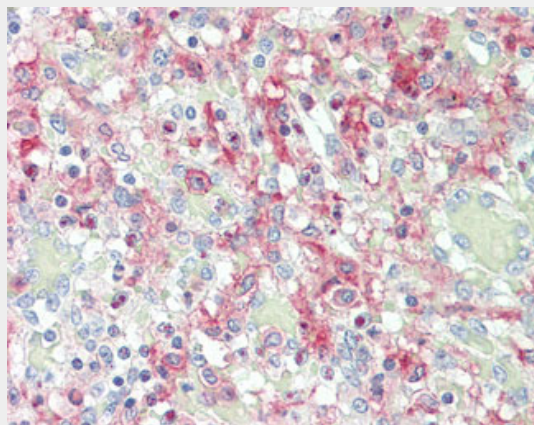
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

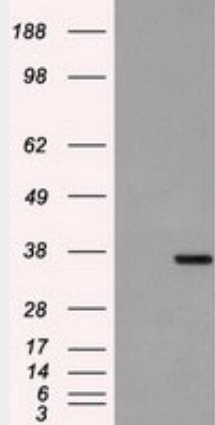
CD32A Antibody (clone 13D7) - Images



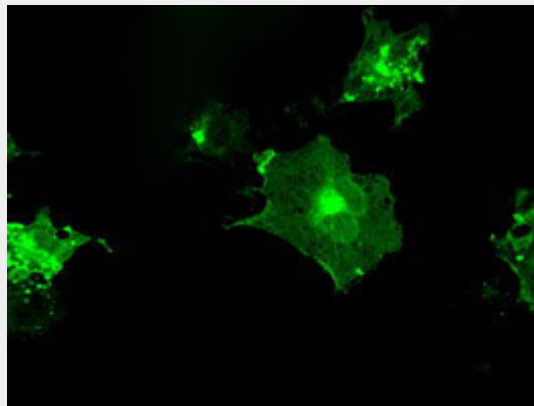
Anti-CD32A antibody IHC staining of human placenta.



Anti-CD32A antibody IHC staining of human spleen.



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FCGR2A...



Anti-FCGR2A mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...

CD32A Antibody (clone 13D7) - Background

Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens. Promotes phagocytosis of opsonized antigens.

CD32A Antibody (clone 13D7) - References

- Stuart S.G., et al. J. Exp. Med. 166:1668-1684(1987).
- Brooks D.G., et al. J. Exp. Med. 170:1369-1385(1989).
- Gregory S.G., et al. Nature 441:315-321(2006).
- Hibbs M.L., et al. Proc. Natl. Acad. Sci. U.S.A. 85:2240-2244(1988).
- Stengelin S., et al. EMBO J. 7:1053-1059(1988).