

Product datasheet

Anti-CD32A antibody ab223039

[4 Images](#)

Overview

Product name	Anti-CD32A antibody
Description	Rabbit polyclonal to CD32A
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF, WB
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human CD32A aa 241-317. Database link: P12318
Positive control	WB: Mouse spleen tissue lysate. IHC-P: Human gastric cancer and kidney tissues. ICC/IF: HeLa cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS
Purity	Protein G purified
Purification notes	Purity >95%
Clonality	Polyclonal
Isotype	IgG

Applications

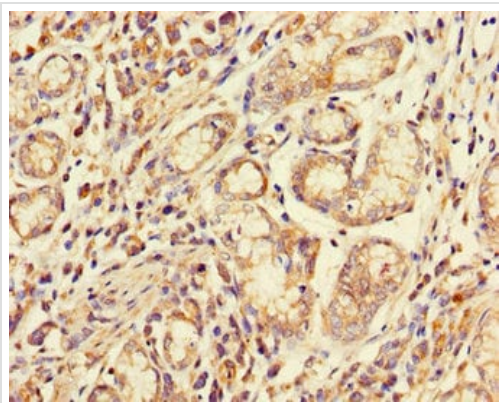
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab223039 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.
ICC/IF		1/50 - 1/200.
WB		1/1000 - 1/5000. Predicted molecular weight: 35 kDa.

Target

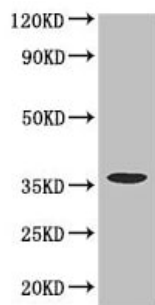
Function	Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens. Promotes phagocytosis of opsonized antigens.
Tissue specificity	Found on monocytes, neutrophils and eosinophil platelets.
Sequence similarities	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Post-translational modifications	Phosphorylated by SRC-type Tyr-kinases such as LYN, BLK, FYN, HCK and SYK.
Cellular localization	Cell membrane.

Images



Paraffin-embedded human gastric cancer tissue stained for CD32A using ab223039 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD32A antibody (ab223039)



Western blot - Anti-CD32A antibody (ab223039)

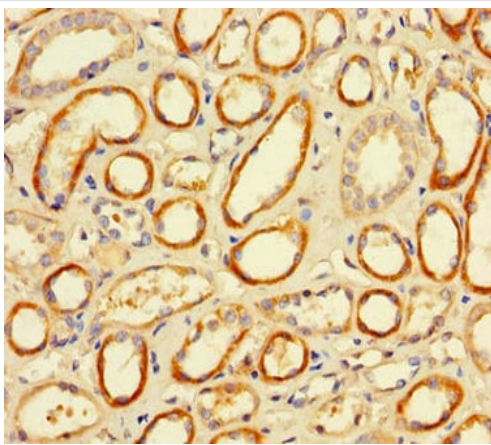
Anti-CD32A antibody (ab223039) at 1/1000 dilution + Mouse spleen tissue lysate

Secondary

Goat Anti-Rabbit IgG at 1/50000 dilution

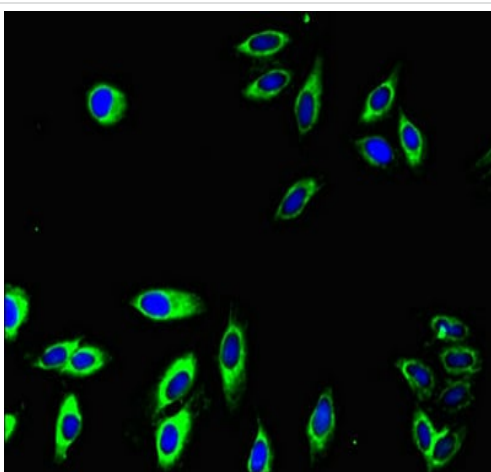
Predicted band size: 35 kDa

Observed band size: 36 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD32A antibody (ab223039)

Paraffin-embedded human kidney tissue stained for CD32A using ab223039 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-CD32A antibody (ab223039)

HeLa (human epithelial cell line from cervix adenocarcinoma) cells stained for CD32A (green) using ab223039 at 1/100 dilution in ICC/IF. Secondary: Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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