


Product datasheet

Anti-C8G antibody [EPR11274] - BSA and Azide free ab250407

Recombinant RabMAb

[3 Images](#)

Overview

Product name	Anti-C8G antibody [EPR11274] - BSA and Azide free
Description	Rabbit monoclonal [EPR11274] to C8G - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250407 is the carrier-free version of ab181182.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR11274
Isotype	IgG

Applications

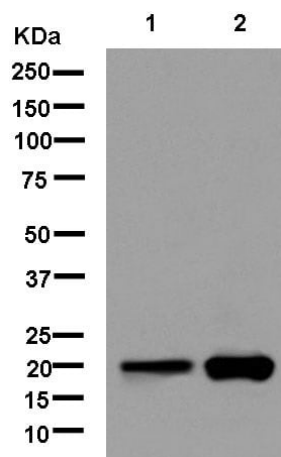
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250407 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 22 kDa (predicted molecular weight: 22 kDa).

Target

Function	C8 is a constituent of the membrane attack complex. C8 binds to the C5B-7 complex, forming the C5B-8 complex. C5-B8 binds C9 and acts as a catalyst in the polymerization of C9. The gamma subunit seems to be able to bind retinol.
Sequence similarities	Belongs to the calycin superfamily. Lipocalin family.
Cellular localization	Secreted.

Images



Western blot - Anti-C8G antibody [EPR11274] -
BSA and Azide free (ab250407)

All lanes : Anti-C8G antibody [EPR11274] - C-terminal
([ab181182](#)) at 1/1000 dilution

Lane 1 : Human colon cancer lysate

Lane 2 : Human plasma

Lysates/proteins at 20 µg per lane.

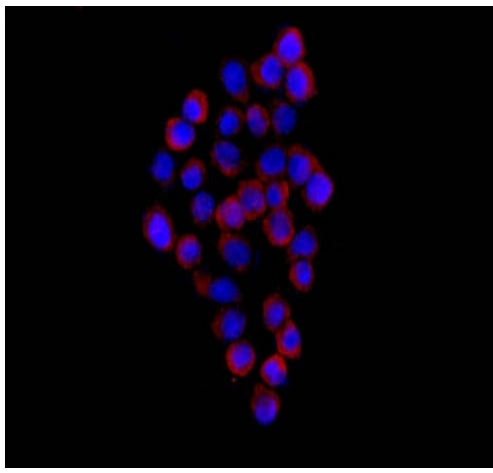
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at
1/1000 dilution

Predicted band size: 22 kDa

Observed band size: 22 kDa

This data was developed using [ab181182](#), the same antibody
clone in a different buffer formulation.



Immunocytochemistry/ Immunofluorescence - Anti-C8G antibody [EPR11274] - BSA and Azide free (ab250407)

This data was developed using **ab181182**, the same antibody clone in a different buffer formulation. Immunofluorescence analysis of Human SW480 cells, staining C8G (red) with **ab181182** at 1/100 dilution. An Alexa Fluor®555-conjugated goat anti-rabbit IgG was used as a secondary antibody at 1/200 dilution. Nuclei were counterstained with DAPI (blue).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-C8G antibody [EPR11274] - BSA and Azide free (ab250407)

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

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