abcam

Product datasheet

Anti-GC1q R antibody [EPR8870] ab134926

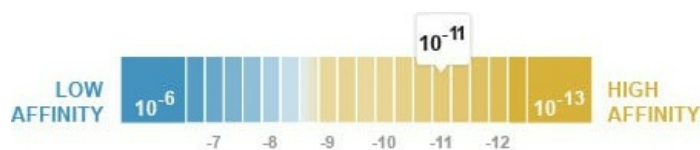Recombinant   RabMAb

★★★★★ **1 Abreviews**   8 Images

Overview

Product name	Anti-GC1q R antibody [EPR8870]
Description	Rabbit monoclonal [EPR8870] to GC1q R
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P
	Unsuitable for: Flow Cyt,ICC/IF or IP
Species reactivity	**Reacts with:** Human
	Predicted to work with: Mouse, Rat ⚠
Immunogen	Synthetic peptide within Human GC1q R aa 150-250. The exact sequence is proprietary.
Positive control	HeLa, 293T, Jurkat and Raji cell lysates. Human tonsil and colon tissue.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Dissociation constant (K$_D$)	K$_D$ = 6.00 x 10^{-11} M

Learn more about K$_D$

Storage buffer	pH: 7.2

	Preservative: 0.01% Sodium azide
	Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR8870
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab134926 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
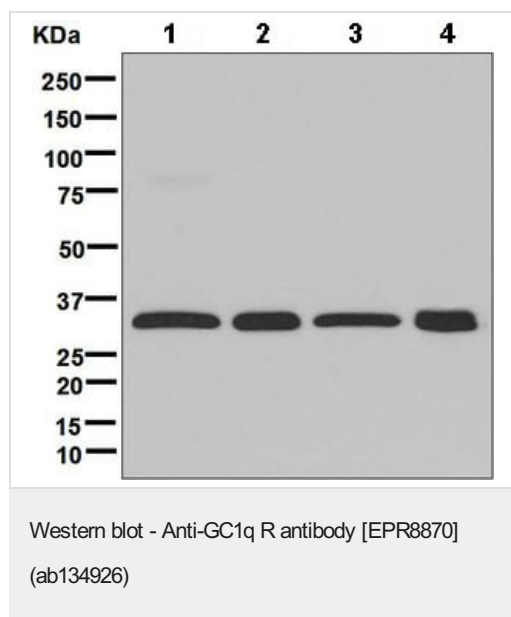
Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 31 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Application notes   Is unsuitable for Flow Cyt,ICC/IF or IP.

Target

Function	Binds to the globular "heads" of C1Q thus inhibiting C1 activation.
Sequence similarities	Belongs to the MAM33 family.
Cellular localization	Mitochondrion matrix. Nucleus. Might also be nuclear in some cell types.

Images

Western blot - Anti-GC1q R antibody [EPR8870] (ab134926)

All lanes : Anti-GC1q R antibody [EPR8870] (ab134926) at 1/1000 dilution

Lane 1 : HeLa cell lysate
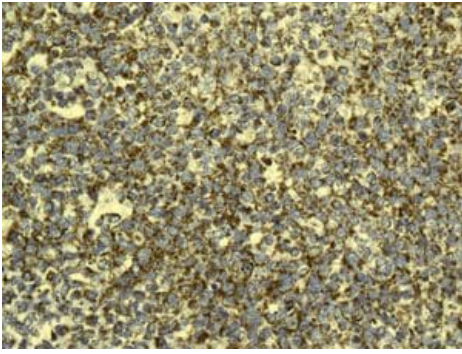**Lane 2 :** 293T cell lysate
Lane 3 : Jurkat cell lysate
Lane 4 : Raji cell lysate

Lysates/proteins at 10 μg per lane.

Secondary

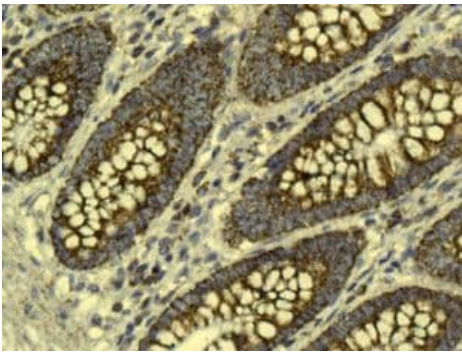**All lanes :** Goat-anti-rabbit HRP at 1/2000 dilution

Predicted band size: 31 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GC1q R antibody [EPR8870] (ab134926)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labelling GC1q R with ab134926 at 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GC1q R antibody [EPR8870] (ab134926)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labelling GC1q R with ab134926 at 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GC1q R antibody [EPR8870] (ab134926)

Immunohistochemical analysis using ab134926 showing positive staining in Normal human breast tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GC1q R antibody [EPR8870] (ab134926)

Immunohistochemical analysis using ab134926 showing positive staining in Normal human uterus tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GC1q R antibody [EPR8870] (ab134926)

Immunohistochemical analysis using ab134926 showing positive staining in Normal human ovary tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

OI-RD Scanning - Anti-GC1q R antibody [EPR8870] (ab134926)

Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D

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-GC1q R antibody [EPR8870] (ab134926)

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