

Anti-C9 antibody [EPR11232-82] - BSA and Azide free ab240175

リコンビナント **RabMAb**

画像数 4

製品の概要

製品名	Anti-C9 antibody [EPR11232-82] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR11232-82] to C9 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB 適用なし: IP
種交差性	交差種: Human 非交差種: Mouse, Rat
免疫原	Recombinant fragment within Human Complement C9. The exact sequence is proprietary. Database link: P02748
ポジティブ・コントロール	WB: Human serum lysates; IHC-P: human colon and spleen tissue.
特記事項	<p>ab240175 is the carrier-free version of ab173302.</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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR11232-82
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab240175の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> .
WB		Use at an assay dependent concentration. Detects a band of approximately 72 kDa (predicted molecular weight: 63 kDa).

追加情報 Is unsuitable for IP.

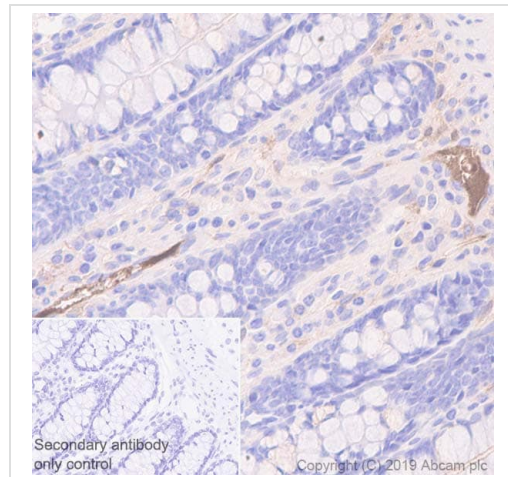
ターゲット情報

機能	Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C9 is the pore-forming subunit of the MAC.
組織特異性	Plasma.
関連疾患	Defects in C9 are a cause of complement component 9 deficiency (C9D) [MIM:613825]. A rare defect of the complement classical pathway associated with susceptibility to severe recurrent infections, predominantly by Neisseria gonorrhoeae or Neisseria meningitidis.
配列類似性	Belongs to the complement C6/C7/C8/C9 family. Contains 1 EGF-like domain. Contains 1 LDL-receptor class A domain. Contains 1 MACPF domain. Contains 1 TSP type-1 domain.
翻訳後修飾	Thrombin cleaves factor C9 to produce C9a and C9b. Phosphorylation sites are present in the extracellular medium.

細胞内局在

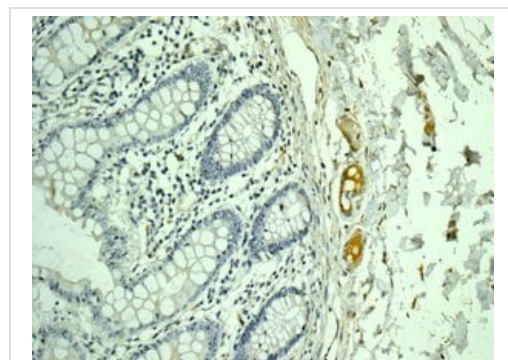
Secreted. Cell membrane. Secreted as soluble monomer. Oligomerizes at target membranes, forming a pre-pore. A conformation change then leads to the formation of a 100 Angstrom diameter pore.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Complement C9 antibody [EPR11232-82] - BSA and Azide free (ab240175)

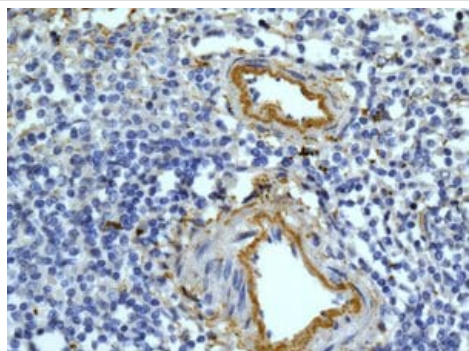
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon tissue sections labeling Complement C9 with purified **ab173302** at 1/10,000 dilution (0.07 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain. This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab173302**)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Complement C9 antibody [EPR11232-82] - BSA and Azide free (ab240175)

Immunohistochemical analysis of paraffin embedded Human colon tissue labeling Complement C9 with **ab173302** (unpurified) at 1/100.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab173302**).



Immunohistochemical analysis of paraffin embedded Human spleen tissue labeling Complement C9 with **ab173302** (unpurified) at 1/100.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab173302**).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Complement C9 antibody [EPR11232-82] - BSA and Azide free (ab240175)

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-Complement C9 antibody [EPR11232-82] - BSA and Azide free (ab240175)

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

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