




# Anti-CD59 antibody [MACIF/629] - BSA and Azide free ab213087

画像数 2

### 製品の概要

製品名	Anti-CD59 antibody [MACIF/629] - BSA and Azide free
製品の詳細	Mouse monoclonal [MACIF/629] to CD59 - BSA and Azide free
由来種	Mouse
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human 交差が予測される動物種: Orangutan 
免疫原	Recombinant full length protein corresponding to Human CD59 aa 1 to the C-terminus. Database link: <a href="#">P13987</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
ポジティブ・コントロール	Human tongue and tonsil tissues.
特記事項	<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&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.2 Constituent: 100% PBS
キャリア・フリー	はい
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	MACIF/629
アイソタイプ	IgG1

## アプリケーション

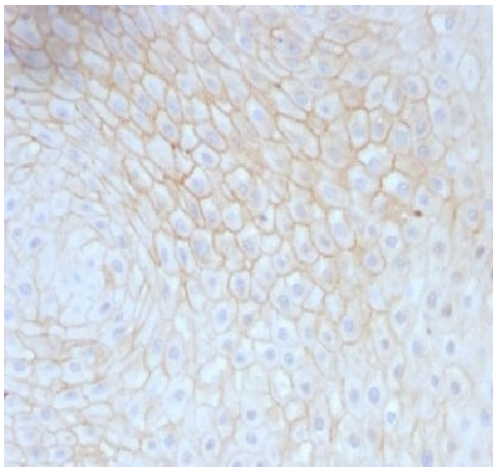
**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab213087の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## ターゲット情報

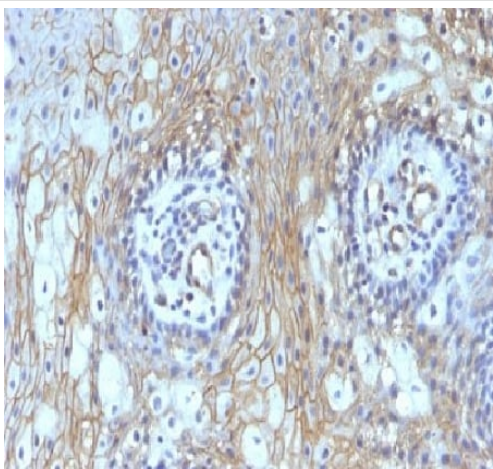
<b>機能</b>	<p>Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.</p> <p>The soluble form from urine retains its specific complement binding activity, but exhibits greatly reduced ability to inhibit MAC assembly on cell membranes.</p>
<b>関連疾患</b>	Defects in CD59 are the cause of CD59 deficiency (CD59D) [MIM:612300].
<b>配列類似性</b>	Contains 1 UPAR/Ly6 domain.
<b>翻訳後修飾</b>	<p>N- and O-glycosylated. The N-glycosylation mainly consists of a family of biantennary complex-type structures with and without lactosamine extensions and outer arm fucose residues. Also significant amounts of triantennary complexes (22%). Variable sialylation also present in the Asn-43 oligosaccharide. The predominant O-glycans are mono-sialylated forms of the disaccharide, Gal-beta-1,3GalNAc, and their sites of attachment are probably on Thr-76 and Thr-77. The GPI-anchor of soluble urinary CD59 has no inositol-associated phospholipid, but is composed of seven different GPI-anchor variants of one or more monosaccharide units. Major variants contain sialic acid, mannose and glucosamine Sialic acid linked to an N-acetylhexosamine-galactose arm is present in two variants.</p> <p>Glycated. Glycation is found in diabetic subjects, but only at minimal levels in nondiabetic subjects. Glycated CD59 lacks MAC-inhibitory function and confers to vascular complications of diabetes.</p>
<b>細胞内局在</b>	Cell membrane. Secreted. Soluble form found in a number of tissues.

## 画像



Immunohistochemical analysis of formalin fixed, paraffin-embedded human tonsil tissue labeling CD59 with ab213087 at 1 µg/mL dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD59 antibody  
[MACIF/629] - BSA and Azide free (ab213087)



Immunohistochemical analysis of formalin fixed, paraffin-embedded human tongue tissue labeling CD59 with ab213087 at 1 µg/mL dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD59 antibody  
[MACIF/629] - BSA and Azide free (ab213087)

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