

Anti-CD163 antibody [BLR087G] - BSA free ab272066

リコンビナント

画像数 4

製品の概要

製品名	Anti-CD163 antibody [BLR087G] - BSA free
製品の詳細	Rabbit monoclonal [BLR087G] to CD163 - BSA free
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide within Human CD163 aa 850-900. The exact sequence is proprietary. NP_004235.4 Database link: Q86VB7
ポジティブ・コントロール	IHC-P: Human liver carcinoma and lung carcinoma tissue. Human lung carcinoma pleural fluid.
特記事項	ab272066 is the BSA-free version of ab265592 . This product is sold under License from Bethyl Laboratories, Inc.

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: 8.20 Preservative: 0.09% Sodium azide Constituent: 99% Borate buffered saline
精製度	Immunogen affinity purified
特記事項 (精製)	Purified from cell culture supernatant.
ポリ/モノ	モノクローナル
クローン名	BLR087G
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ab272066の使用に適用されます

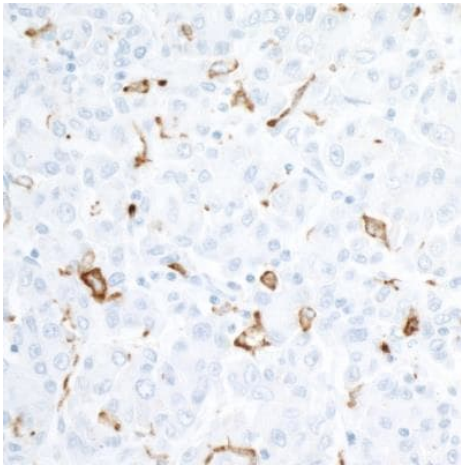
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

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 citrate buffer pH 6 before commencing with IHC staining protocol.

ターゲット情報

機能	Acute phase-regulated receptor involved in clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages and may thereby protect tissues from free hemoglobin-mediated oxidative damage. May play a role in the uptake and recycling of iron, via endocytosis of hemoglobin/haptoglobin and subsequent breakdown of heme. Binds hemoglobin/haptoglobin complexes in a calcium-dependent and pH-dependent manner. Exhibits a higher affinity for complexes of hemoglobin and multimeric haptoglobin of HP*1F phenotype than for complexes of hemoglobin and dimeric haptoglobin of HP*1S phenotype. Induces a cascade of intracellular signals that involves tyrosine kinase-dependent calcium mobilization, inositol triphosphate production and secretion of IL6 and CSF1. Isoform 3 exhibits the higher capacity for ligand endocytosis and the more pronounced surface expression when expressed in cells. After shedding, the soluble form (sCD163) may play an anti-inflammatory role, and may be a valuable diagnostic parameter for monitoring macrophage activation in inflammatory conditions.
組織特異性	Expressed in monocytes and mature macrophages such as Kupffer cells in the liver, red pulp macrophages in the spleen, cortical macrophages in the thymus, resident bone marrow macrophages and meningeal macrophages of the central nervous system. Expressed also in blood. Isoform 1 is the lowest abundant in the blood. Isoform 2 is the lowest abundant in the liver and the spleen. Isoform 3 is the predominant isoform detected in the blood.
配列類似性	Contains 9 SRCR domains.
ドメイン	The SRCR domain 3 mediates calcium-sensitive interaction with hemoglobin/haptoglobin complexes.
翻訳後修飾	A soluble form (sCD163) is produced by proteolytic shedding which can be induced by lipopolysaccharide, phorbol ester and Fc region of immunoglobulin gamma. This cleavage is dependent on protein kinase C and tyrosine kinases and can be blocked by protease inhibitors. The shedding is inhibited by the tissue inhibitor of metalloproteinase TIMP3, and thus probably induced by membrane-bound metalloproteinases ADAMs. Phosphorylated.
細胞内局在	Secreted and Cell membrane. Isoform 1 and isoform 2 show a lower surface expression when expressed in cells.

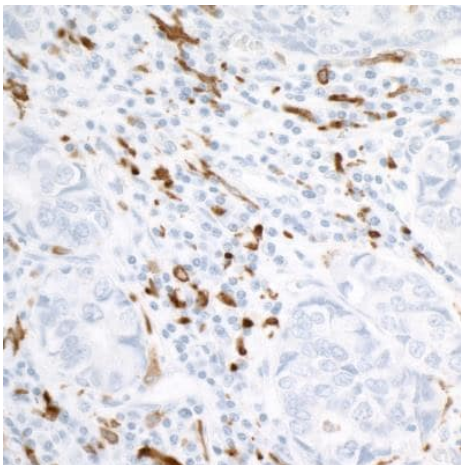
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD163 antibody
[BLR087G] - BSA free (ab272066)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human liver carcinoma tissue labeling CD163 with [ab265592](#) at 1/100 dilution. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.

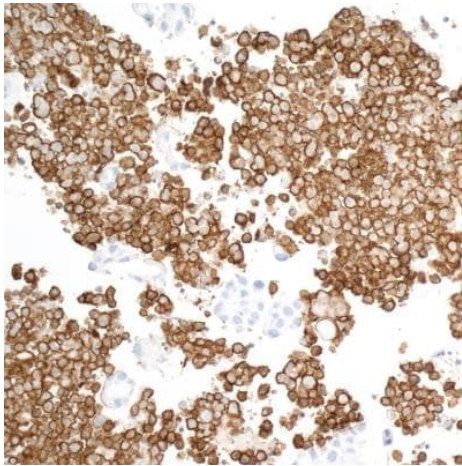
This data was developed using the same antibody clone in a different buffer formulation containing Borate buffered saline, BSA, glycerol and sodium azide ([ab265592](#)).



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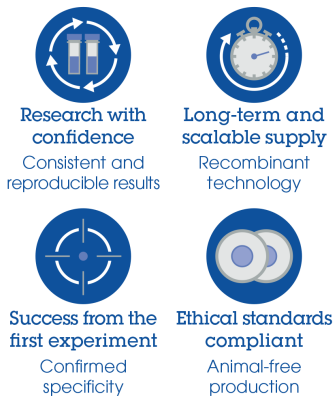


Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lung carcinoma pleural fluid tissue labeling CD163 with **ab265592** at 1/100 dilution. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.

This data was developed using the same antibody clone in a different buffer formulation containing Borate buffered saline, BSA, glycerol and sodium azide (**ab265592**).

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Why choose a recombinant antibody?



Anti-CD163 antibody [BLR087G] - BSA free
(ab272066)

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