

Biotin Anti-CD209 antibody [ER-TR9] ab51819

5 References

製品の概要

製品名	Biotin Anti-CD209 antibody [ER-TR9]
製品の詳細	Biotin Rat monoclonal [ER-TR9] to CD209
由来種	Rat
標識	Biotin
特異性	Reacts with subpopulation of mature tissue macrophages present in the splenic marginal zone, lymph node medullary and trabecular sinuses.
アプリケーション	適用あり: IHC-Fr 適用なし: IHC-P
種交差性	交差種: Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD209.
エピトープ	The antigen is a glutaraldehyde (0.05%) resistant protein expressed in the cytoplasm and on the cell surface.
ポジティブ・コントロール	Mouse spleen.
特記事項	<p>The antigen recognized by ER-TR9 has recently been shown to be the murine analogue of the human DC SIGN (Dendritic Cell - Specific ICAM3 Grabbing Non Integrin), named SIGN R1. Antigen Distribution: Isolated Cells: The antigen is found on a subpopulation of phagocytic macrophages isolated from the spleen and showing acid phosphatase and moderate non-specific esterase activity. These phagocytes selectively ingest neutral polysaccharides such as Ficoll. Tissue Sections: Subpopulation of resident macrophages in the splenic marginal zone which are in the proximity of a certain B cell subpopulation (μ^+, d-). It is also found on a subpopulation of macrophages localized in the medullary sinuses and trabecular sinuses of lymph nodes. Furthermore, macrophage subpopulations in other organs, such as some connective tissue macrophages in the dermis, may also show ER-TR9 antigen expression.</p> <p>Monoclonal antibody ER-TR9 is a very useful marker for the identification of macrophage subpopulations present in the marginal zone of spleen and lymph node medulla. ER-TR9 is also useful when studying phagocytosis of polysaccharides since the antibody selectively inhibits uptake of these glycans by macrophages.</p> <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</p>

contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.05% KATHON™ CG/ICP Constituents: 0.5% BSA, 99% PBS
精製度	Purified IgM
一次抗体 備考	Monoclonal antibody ER-TR9 is a very useful marker for the identification of macrophage subpopulations present in the marginal zone of spleen and lymph node medulla. ER-TR9 is also useful when studying phagocytosis of polysaccharides since the antibody selectively inhibits uptake of these glycans by macrophages.
ポリ/モノ	モノクローナル
クローン名	ER-TR9
アイソタイプ	IgM

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ab51819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-Fr		Use at an assay dependent concentration.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

関連性 SIGN R1 is a specific marker for the identification of macrophage subpopulations present in the marginal zone of spleen (the so-called marginal zone macrophages (MZM)), in the lymph node medulla, and in some strains, in the peritoneal cavity. MZM of the spleen are involved in the clearance of polysaccharides. Mouse SIGN R1 is a C type lectin, like DC SIGN which is expressed on Human dendritic cells (DCs). However, Mmouse SIGN R1 itself is not expressed on DCs. SIGN R1 exists in an aggregated form, resistant to dissociation into monomers upon boiling in SDS under reducing conditions. SIGN R1 mediates the uptake of encapsulated organisms and may be an important mediator for the uptake of microbes in both spleen and lymph node, particularly through the recognition of microbial polysaccharides.

細胞内局在 Single-pass type II membrane protein

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors