

Product datasheet

Anti-Mannose Receptor antibody [EPR6828(B)] ab125028

Recombinant RabMAb

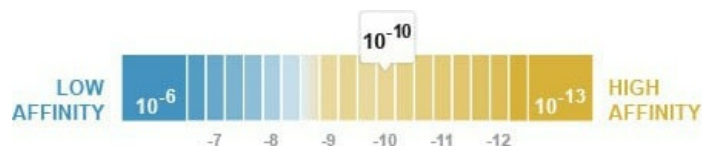
★★★★☆ **4 Abreviews** **42 References** [3 Images](#)

Overview

Product name	Anti-Mannose Receptor antibody [EPR6828(B)]
Description	Rabbit monoclonal [EPR6828(B)] to Mannose Receptor
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt (Intra), ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Mannose Receptor aa 1400 to the C-terminus. The exact sequence is proprietary. Database link: P22897
Positive control	WB: Human lung tissue; Flow Cyt (intra): MOLT-4 (human lymphoblastic leukemia cell line).
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	K _D = 1.75 x 10 ⁻¹⁰ M



[Learn more about K_p](#)

Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, PBS, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR6828(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab125028 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

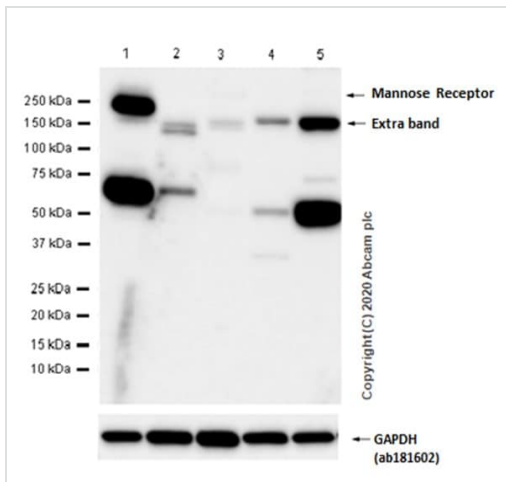
Application	Abreviews	Notes
WB	★ ★ ★ ★ ★ (1)	1/1000 - 1/10000. Detects a band of approximately 200 kDa (predicted molecular weight: 166 kDa).

Application notes Is unsuitable for Flow Cyt (Intra), ICC/IF, IHC-P or IP.

Target

Function	Mediates the endocytosis of glycoproteins by macrophages. Binds both sulfated and non-sulfated polysaccharide chains. Acts as phagocytic receptor for bacteria, fungi and other pathogens.
Sequence similarities	Contains 8 C-type lectin domains. Contains 1 fibronectin type-II domain. Contains 1 ricin B-type lectin domain.
Cellular localization	Membrane.

Images



Western blot - Anti-Mannose Receptor antibody [EPR6828(B)] (ab125028)

All lanes : Anti-Mannose Receptor antibody [EPR6828(B)] (ab125028) at 1/1000 dilution

Lane 1 : Human lung tissue lysate

Lane 2 : Human brain tissue lysate

Lane 3 : Mouse brain tissue lysate

Lane 4 : U-937 (Human histiocytic lymphoma monocytic cell) whole cell lysate

Lane 5 : THP-1 (Human monocytic leukemia monocytic cell) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 166 kDa

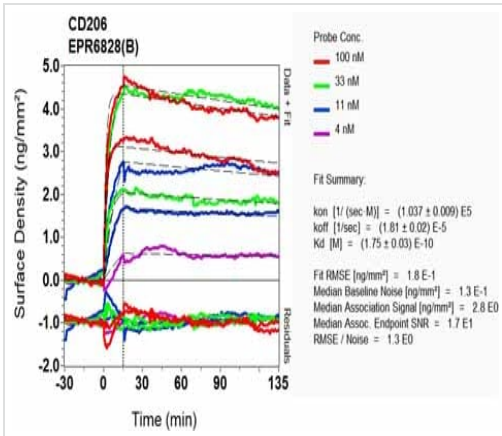
Observed band size: 200 kDa

Additional bands at: 160 kDa (possible non-specific binding), 65 kDa (possible non-specific binding)

Exposure time: 20 seconds

Blocking/Diluting buffer and concentration: 5% NFDm/TBST.

The expression profile observed in U-937 and THP-1 is consistent with the literature (PMID: 20801507 and PMID: 30591689). Rabbit monoclonal [EPR16891] to GAPDH (**ab181602**) used as loading control.



OI-RD Scanning - Anti-Mannose Receptor antibody
[EPR6828(B)] (ab125028)

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-Mannose Receptor antibody [EPR6828(B)]
(ab125028)

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