DATASHEET

FITC labeled CD206 Rat Monoclonal Antibody

CAT. NO. ARA5819

KEY FEATURES

Target	CD206	**Source/Host**	Rat
Reactivity	Mouse	**Clonality**	Monoclonal
Applications	IF/ICC,FC	**Conjugation**	FITC
Isotype	IgG2a kappa	**Storage**	at 4°C

BACKGROUND

CD206, also known as the mannose receptor (MR) or MRC1, is a type I transmembrane glycoprotein of the C-type lectin family encoded by MRC1. It is expressed predominantly on macrophages, dendritic cells and hepatic sinusoidal endothelial cells, and acts as a pattern-recognition receptor that mediates endocytosis of mannose-, fucose- and N-acetylglucosamine-terminated glycoproteins. CD206 is widely used as a marker of M2-like (alternatively activated) macrophages and tumour-associated macrophages, and contributes to tissue remodelling, clearance of endogenous glycoproteins and the regulation of immune responses.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	Assay-dependent
FC	10 µl/assay

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	FITC labeled CD206 Rat Monoclonal Antibody for IF and FC.
Specificity	Recognizes mouse CD206.
Antibody Type	Primary antibody
Immunogen	Recombinant mouse CD206 (MMR).
Purification	The antibody was purified by affinity chromatography.
Isotype	IgG2a kappa
Form/Buffer	Liquid in PBS, pH 7.3, with 0.2% BSA and 0.02% sodium azide.
Alternative Names	CLEC13D, CLEC13DL, MRC1L1, Macrophage mannose receptor 1, MMR, C-type lectin domain family 13 member D, CD206
Gene Symbol	MRC1
Entrez Gene	17533
SwissProt	Q61830

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

FITC labeled CD206 Rat Monoclonal Antibody

CAT. NO. ARA5819

STORAGE

Store at 4°C, DO NOT FREEZE. Stable for one year from the date of shipment.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com