

Datasheet for ABIN7490508

anti-CD47 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD47
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD47 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA

Product Details

Isotype:	IgG
Characteristics:	Rabbit IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	CD47
Alternative Name:	CD47 (CD47 Products)
Background:	CD47, MER6, IAP, OA3, Description: Leukocyte surface antigen CD47 is also known as Antigenic surface determinant protein OA3, Integrin-associated protein (IAP) and Protein MER6. CD47 contains 1 Ig-like V-type (immunoglobulin-like) domain. CD47 is very broadly distributed on normal adult tissues. CD47 has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in

Target Details

the modulation of integrins and plays an important role in memory formation and synaptic plasticity in the hippocampus by similarity. CD47 is the receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. CD47 Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation.

UniProt: [Q08722](#)

Application Details

Application Notes: ELISA 1:5000-10000, Flow Cyt 1:100

Restrictions: For Research Use only

Handling

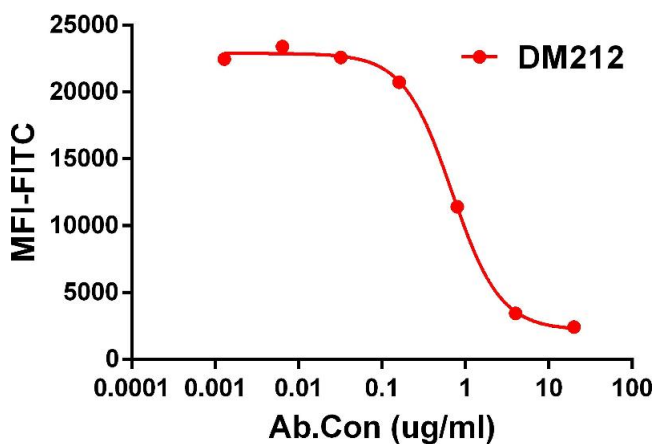
Format: Liquid

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Images



Immunocompetition

Image 1. Competition assay demonstrating DM212 blockade of SIRPa binding to Jurkat cell line.