

Datasheet for ABIN6253491
CD24 Protein (AA 27-53) (Fc Tag)



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Overview

Quantity:	50 µg
Target:	CD24
Protein Characteristics:	AA 27-53
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD24 protein is labelled with Fc Tag.

Product Details

Purpose:	CD24 (mouse):Fc (human) (rec.)
Specificity:	The extracellular domain of mouse CD24 (aa 27-53) is fused at the C-terminus to the Fc portion of human IgG1.
Cross-Reactivity:	Mouse
Characteristics:	The extracellular domain of mouse CD24 (aa 27-53) is fused at the C-terminus to the Fc portion of human IgG1.
Purity:	>90 % (SDS-PAGE)
Endotoxin Level:	<0.06EU/µg purified protein (LAL test).

Target Details

Target:	CD24
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Target Details

Alternative Name:	CD24 (CD24 Products)
Background:	M1/69-J11D Heat Stable Antigen, Nectadrin, Lymphocyte Antigen 52, X62 Heat Stable Antigen (HSA), Ly-52 CD24 is a highly glycosylated protein expressed as glycosyl-phosphatidyl-inositol (GPI) anchored molecule. It is widely expressed, mainly on T cells, B cells and is upregulated in numerous types of cancers. It has costimulatory activity for antigen specific T cell responses. Polymorphisms of human CD24 are associated with several autoimmune diseases. Recently, a new role as negative regulator of the immune response has been reported. CD24-deficient mice are more sensitive to inflammatory responses. CD24 together with the membrane protein SIGLEC interacts with danger-associated molecular patterns (DAMPs), such as HMGB1, HSP90 or HSP70. CD24/SIGLEC complex may differentially regulate the host response to DAMPs and PAMPs (pathogen-associated molecular patterns).
Molecular Weight:	~40-50kDa (SDS-PAGE)
UniProt:	P25063
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Concentration:	1 mg/mL
Buffer:	Contains PBS.
Handling Advice:	After reconstitution, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1 % BSA should be used for further dilutions.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

Handling

Expiry Date: 6 months