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Datasheet for ABIN6253306
CD74 Protein (AA 56-215) (Fc Tag)

Overview

Quantity:	100 µg
Target:	CD74
Protein Characteristics:	AA 56-215
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD74 protein is labelled with Fc Tag.

Product Details

Purpose:	CD74 (mouse):Fc (mouse) (rec.)
Specificity:	The extracellular domain of mouse CD74 (aa 56-215) is fused to the N-terminus of the Fc region of mouse IgG2a.
Characteristics:	Protein. The extracellular domain of mouse CD74 (aa 56-215) is fused to the N-terminus of the Fc region of mouse IgG2a. Source: HEK 293 cells. Endotoxin content: <5EU/mg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >98 % (SDS-PAGE). CD74 is a transmembrane protein which, on antigen presenting cells, is the invariant chain that chaperones MHC class II dimers from the endoplasmic reticulum to the cell surface. The cytoplasmic portion of CD74 can be released by intramembrane cleavage to activate NFκB. CD74 is upregulated in several cancers and is also expressed by non-immune cells during inflammation.
Purity:	>98 % (SDS-PAGE)

Product Details

Endotoxin Level: <5EU/mg protein (LAL test, Lonza).

Target Details

Target: CD74

Alternative Name: CD74 ([CD74 Products](#))

Background: Alternate Names/Synonyms: CLIP, DHLAG, HLADG
Product Description: CD74 is a transmembrane protein which, on antigen presenting cells, is the invariant chain that chaperones MHC class II dimers from the endoplasmic reticulum to the cell surface. The cytoplasmic portion of CD74 can be released by intramembrane cleavage to activate NFkB. CD74 is upregulated in several cancers and is also expressed by non-immune cells during inflammation.

Molecular Weight: ~55kDa (SDS-PAGE)

NCBI Accession: [NP_034675](#)

Pathways: [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Negative Regulation of intrinsic apoptotic Signaling](#), [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized from 0.2µm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.