

Datasheet for ABIN1724906
anti-CD93 antibody (AA 474-535)



[Go to Product page](#)

5 Images

2 Publications

Overview

Quantity:	0.1 mg
Target:	CD93
Binding Specificity:	AA 474-535
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD93 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human CD93 (AA: 474-535) expressed in E. coli.
Clone:	2F7D11
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD93
Alternative Name:	CD93 (CD93 Products)
Background:	Description: The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded

Target Details

protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. ,

Aliases: C1QR1, C1qRP, CDw93, ECSM3, MXRA4, C1qR(P), dJ737E23.1

Molecular Weight: 68.6 kDa

Gene ID: 22918

HGNC: 22918

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

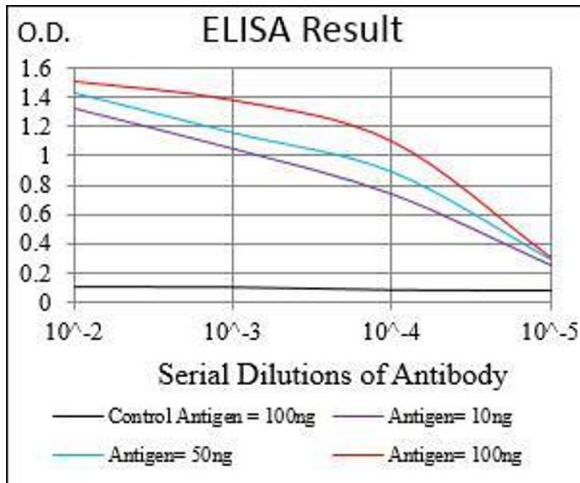
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

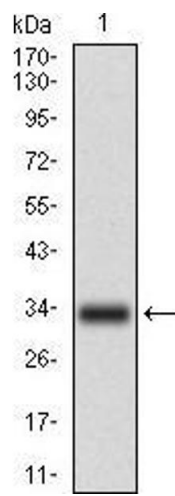
Product cited in: Zaha, Young: "AMP-activated protein kinase regulation and biological actions in the heart." in: **Circulation research**, Vol. 111, Issue 6, pp. 800-14, (2012) ([PubMed](#)).

Oliveira, Zhang, Solis, Isackson, Bellahcene, Yavari, Pinter, Davies, Ge, Ashrafian, Walker, Carling, Watkins, Casadei, Redwood: "AMP-activated protein kinase phosphorylates cardiac troponin I and alters contractility of murine ventricular myocytes." in: **Circulation research**, Vol. 110, Issue 9, pp. 1192-201, (2012) ([PubMed](#)).



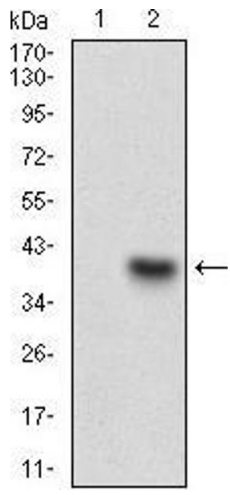
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Western Blotting

Image 2. Western blot analysis using CD93 mAb against human CD93 recombinant protein. (Expected MW is 31.7 kDa)



Western Blotting

Image 3. Western blot analysis using CD93 mAb against HEK293 (1) and CD93 (AA: 474-535)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1724906.