

Datasheet for ABIN5684117
anti-CD83 antibody (AA 20-144)

3 Images

[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	CD83
Binding Specificity:	AA 20-144
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD83 (AA: extra 20-144) expressed in E. coli.
Clone:	1B9B10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD83
Alternative Name:	CD83 (CD83 Products)
Background:	Description: The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic

Target Details

cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene.

Aliases: BL11, HB15

Molecular Weight:	23 kDa
Gene ID:	9308
HGNC:	5788

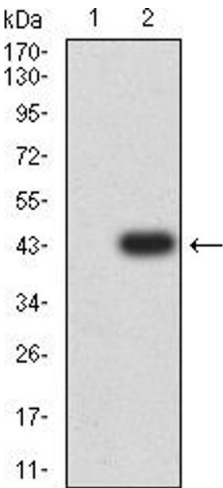
Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: N/A, IHC: N/A
Restrictions:	For Research Use only

Handling

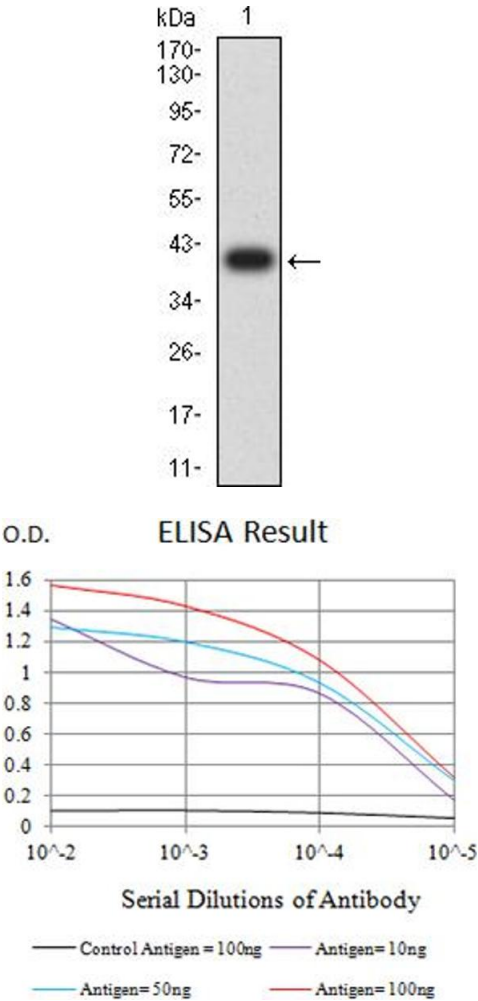
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

Images



Western Blotting

Image 1. Western blot analysis using CD83 mAb against HEK293 (1) and CD83 (AA: extra 20-144)-hIgGfc transfected HEK293 (2) cell lysate.



Western Blotting

Image 2. Western blot analysis using CD83 mAb against human CD83 (AA: extra 20-144) recombinant protein. (Expected MW is 40.1 kDa)

ELISA

Image 3. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)