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Datasheet for ABIN3022766  
**anti-CD83 antibody (AA 20-144)**

2 Images

Overview

Quantity:	100 µL
Target:	CD83
Binding Specificity:	AA 20-144
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD83 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-144 of human CD83 (NP_004224.1).
Sequence:	TPEVKVACSE DVDLPCTAPW DPQVPYTVSW VKLLEGGEER METPQEDHLR GQHYHQKGQN GSFDAPNERP YSLKIRNTTS CNSGTYRCTL QDPDGQRNLS GKVILRVTGC PAQRKEETFK KYRAE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	CD83
Alternative Name:	CD83 ( <a href="#">CD83 Products</a> )
Background:	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 cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene.,CD83,BL11,HB15,Immunology & Inflammation,CD markers,CD83
Molecular Weight:	23 kDa
Gene ID:	9308
UniProt:	<a href="#">Q01151</a>

## Application Details

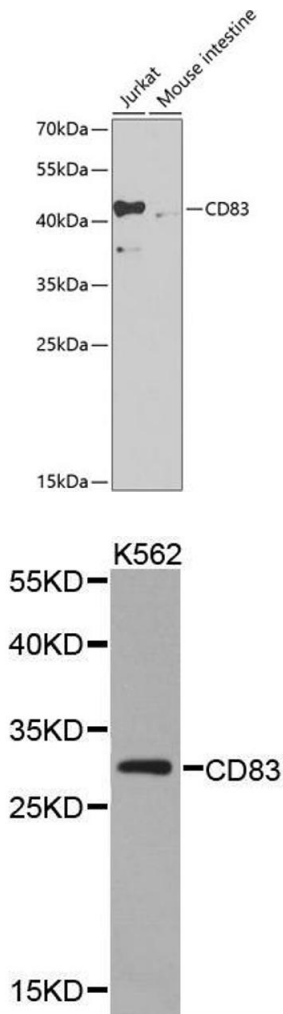
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using CD83 antibody (ABIN3022765, ABIN3022766, ABIN3022767 and ABIN6219216) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

### Western Blotting

**Image 2.** Western blot analysis of extracts of K562 cell lines, using CD83 antibody.