

Datasheet for ABIN5684133  
**anti-LAIR1 antibody (AA 103-203)**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	LAIR1
Binding Specificity:	AA 103-203
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Purified recombinant fragment of human CD63 (AA extra 103-203) expressed in E. Coli.
Clone:	1E8D4
Isotype:	IgG1

## Target Details

Target:	LAIR1
Alternative Name:	CD305 ( <a href="#">LAIR1 Products</a> )
Background:	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with

## Target Details

integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

Molecular Weight: 25.6 kDa

HGNC: 967

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

## Handling

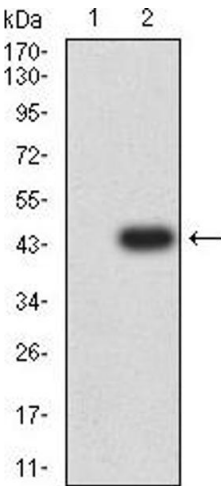
Format: Liquid

Buffer: PBS with 0.05 % sodium azide

Storage: 4 °C, -20 °C

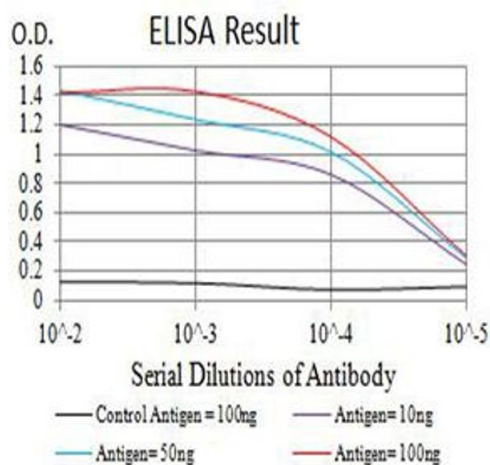
Storage Comment: 4°C, -20°C for long term storage

## Images



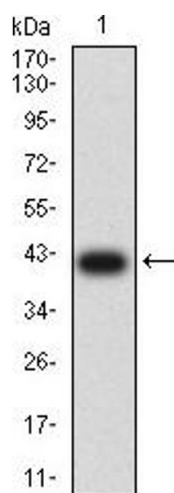
### Western Blotting

**Image 1.** Western blot analysis using CD305 mAb against HEK293 (1) and CD305 (AA: extra 22-165)-hIgGFc transfected HEK293 (2) cell lysate.



#### ELISA

**Image 2.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



#### Western Blotting

**Image 3.** Western blot analysis using CD305 mAb against human CD305 (AA: extra 22-165) recombinant protein. (Expected MW is 41.7 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5684133.