

# CD11d/Integrin Alpha D Polyclonal antibody

Catalog Number: **55162-1-AP**

## Basic Information

<b>Catalog Number:</b> 55162-1-AP	<b>GenBank Accession Number:</b> NM_005353	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3681	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> integrin, alpha D	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 127 kDa	
	<b>Observed MW:</b> 126-150 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells,
<b>Species Specificity:</b> human	

## Background Information

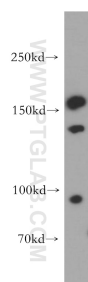
CD11d, also named as ITGAD and ADB2, belongs to the integrin alpha chain family. It is a receptor for ICAM3 and VCAM1. CD11d may play a role in the atherosclerotic process such as clearing lipoproteins from plaques and in phagocytosis of blood-borne pathogens, particulate matter, and senescent erythrocytes from the blood. This antibody is specific to CD11d.

## Storage

**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 55162-1-AP (CD11d antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.