



# Integrin $\alpha$ D rabbit pAb

Cat No.:ES4190

For research use only

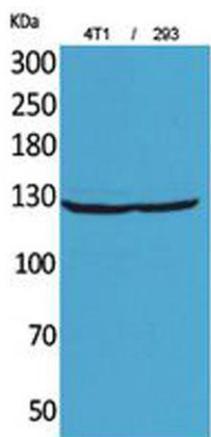
## Overview

<b>Product Name</b>	Integrin $\alpha$ D rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human ITGAD. AA range:901-950
<b>Specificity</b>	Integrin $\alpha$ D Polyclonal Antibody detects endogenous levels of Integrin $\alpha$ D protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at $-20^{\circ}\text{C}$ . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Integrin alpha-D
<b>Gene Name</b>	ITGAD
<b>Cellular localization</b>	Membrane; Single-pass type I membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	127kD
<b>Human Gene ID</b>	3681
<b>Human Swiss-Prot Number</b>	Q13349
<b>Alternative Names</b>	ITGAD; Integrin alpha-D; ADB2; CD11 antigen-like family member D; Leukointegrin alpha D; CD11d integrin subunit alpha D(ITGAD) Homo sapiens
<b>Background</b>	This gene belongs to the beta-2 integrin family of membrane glycoproteins, which are composed of non-covalently linked alpha and beta subunits to form a heterodimer. It encodes the alpha subunit of the cell surface heterodimers and is involved in the



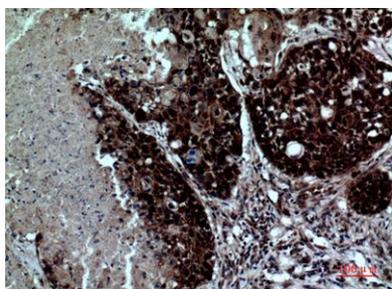


activation and adhesion functions of leukocytes. The gene is located about 11kb downstream of the integrin subunit alpha X gene, another member of the integrin family. It is expressed in the tissue and circulating myeloid leukocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015],

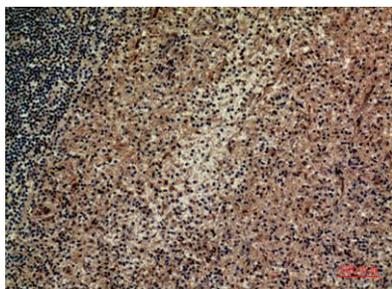


Western Blot analysis of 4T1, 293 cells using Integrin  $\alpha$ D Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:100





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Western blot analysis of lysate from 4T1 cells, using ITGAD Antibody.



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