

## Product datasheet for **TA812086AM**

### CD11d (ITGAD) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2F8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2F8
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 18-418 of human ITGAD (NP_005344) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	126.76 kDa
Gene Name:	integrin subunit alpha D
Database Link:	<a href="#">NP_005344</a> <a href="#">Entrez Gene 3681 Human</a> <a href="#">Q13349</a>



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**Background:**

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]

**Synonyms:**

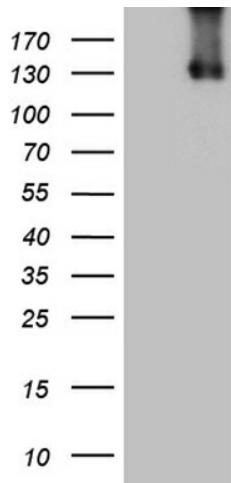
ADB2; CD11D

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Regulation of actin cytoskeleton

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ITGAD (Cat# [RC224758], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ITGAD(Cat# [TA812086]). Positive lysates [LY417360] (100ug) and [LC417360] (20ug) can be purchased separately from OriGene.