

Affinity Biosciences website:www.affbiotech.com

ITGAM Ab

Images(3)

Cat.#: DF2541 Concn.: ~1mg/ml Mol.Wt.: 170 kDa Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200

*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02%

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLinkTM Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human ITGAM, corresponding to a

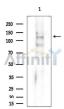
region within the internal amino acids.

Uniprot: P11215

Description: Integrin alpha-M/beta-2 is implicated in various adhesive interactions of

monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. It is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. Integrin alpha-M/beta-2 is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2

peptides of fibrinogen gamma chain.



Western blot analysis of extracts from Mouse testis, using ITGAM Ab at

1/1000 dilution.

Observed bands:125kD.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1% TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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