

# Product Datasheet

## Integrin beta 2/CD18 Antibody (68-5A5) NBP2-44963-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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**NBP2-44963-0.1mg**

Integrin beta 2/CD18 Antibody (68-5A5)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	68-5A5
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	95 kDa
Product Description	
Host	Mouse
Gene ID	3689
Gene Symbol	ITGB2
Species	Human
Specificity/Sensitivity	It recognizes a transmembrane glycoprotein of 95kDa, identified as CD18 or integrin -2 (Workshop III). It complexes non-covalently with either L, M, or X integrin (CD11a, b, or c) to form the heterodimers, LFA-1, Mac-1, and p150,95, respectively. LFA-1 is the receptor for three members of the Ig supergene family of proteins, ICAM-1 (CD54), ICAM-2 (CD102), and Mac-1 and p150,95 bind to ICAM-1, fibrinogen, and iC3b. ICAM-3 (CD50). CD18/CD11 heterodimeric molecules are involved with cell/cell and cell/extracellular adhesion in immune and inflammatory responses. This MAb blocks these cellular interactions.
Immunogen	Stimulated human leukocytes
Product Application Details	
Applications	Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Functional, Immunofluorescence 0.5 - 1.0 ug/ml
Application Notes	Functional Studies: Order Ab without Azide. Optimal dilution for a specific application should be determined.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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