

Datasheet for ABIN199326 **anti-CD51/CD61 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD51/CD61 (ITGAV/ITGB3)
Reactivity:	Human, Chicken, Rabbit, Cow, Dog, Monkey, Pig, Avian
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD51/CD61 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified adhesion receptor from the human melanoma cell line M21. Type of Immunogen: Cells
Clone:	LM609
Isotype:	IgG1
Specificity:	Recognizes the human vitronectin receptor αVβ3 complex, an RGD-directed adhesion receptor. Species cross-reactivity: bovine, chicken, monkey, porcine, canine, rabbit and avian. Not reactive with rat tissue.
Purification:	Protein A purified

Target Details

Target:	CD51/CD61 (ITGAV/ITGB3)
Alternative Name:	Integrin Alpha V Beta 3 (ITGAV/ITGB3 Products)

Application Details

Application Notes:	Approved: Flo, ICC, IF (5 - 10 µg/mL), IHC, IHC-Fr, IP Usage: Suitable for use in Immunoprecipitation, Immunofluorescence, Flow Cytometry, Immunohistochemistry (frozen sections only), Immunocytochemistry and Blocking. Immunoprecipitation: Precipitates integrin alpha V beta3 complex. When resolved by SDS-PAGE under reducing conditions, bands are observed at ~130kD corresponding to the alpha V subunit and at ~105kD corresponding to the beta3 subunit. Flow Cytometry: 1-3 µg/0.5x1E6cells in 100 µL volume. Immunofluorescence: 5-10 µg/mL for staining of bFGF-treated 6mm cryosections of chick chorioallantoic membrane fixed with acetone. Also effective on 4 % paraformaldehyde fixed, frozen tissues and cells. Not effective for immunohistochemical staining of paraffin-embedded tissue sections. Blocking: Inhibits adhesion of cells to vitronectin coated surfaces at 10-25 µg/mL. Positive control: Human myeloma cell lines M21 and MoalphaV. Not recommended for: IHC-P
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.1. No preservatives added.
Preservative:	Without preservative
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.