

Datasheet for ABIN642545 **anti-CD51 antibody**



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Overview

Quantity:	0.1 mg
Target:	CD51 (ITGAV)
Reactivity:	Mouse
Host:	Rat
Conjugate:	This CD51 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Cultured LAK cells from Balb/c mice.
Isotype:	IgG1
Specificity:	DS-MB-03854 recognizes murine CD51, a 140 kD alpha subunit of the vitronectin receptor, which is otherwise known as the integrin alpha v chain. CD51 can form heterodimers at the cell surface with a variety of beta integrins including CD29 and CD61. Heterodimers of CD51/CD61 functions as a receptor for vitronectin, and a wide array of RGD-containing proteins including fibronectin, fibrinogen, von Willebrand factor, laminin, thrombospondin and osteopontin. CD51/CD61 is primarily expressed on myeloid cells and activated T-cells. Alpha-V integrins may play a role in embryo implantation, angiogenesis and wound healing. DS-MB-03854 has been reported to block binding of CD51 to vitronectin, fibronectin, and CD31 in some cell types, as well as blocking LAK cell cytotoxicity.
Characteristics:	Rat Anti-Mouse CD51
Purification:	Purified

Target Details

Target:	CD51 (ITGAV)
Alternative Name:	CD51 (ITGAV Products)
Pathways:	Cell-Cell Junction Organization, Signaling Events mediated by VEGFR1 and VEGFR2, Growth Factor Binding, Integrin Complex

Application Details

Restrictions:	For Research Use only
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Handling

Concentration:	IgG concentration 1.0 mg/ml
Buffer:	Phosphate buffered saline pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C