ANGIO-PROTEOMIE
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DATA SHEET

Mouse Monoclonal Antibody to CD209

Cataloge Number	sAP-1688
Target Molecule	**Name: CD209** **Aliases:** CDSIGN; CLEC4L; DC-SIGN; DC-SIGN1 **MW: 45.8kDa** **Entrez Gene ID: 30835**
Descrption	This gene encodes a transmembrane receptor and is often referred to as DC-SIGN because of its expression on the surface of dendritic cells and macrophages. The encoded protein is involved in the innate immune system and recognizes numerous evolutionarily divergent pathogens ranging from parasites to viruses with a large impact on public health. The protein is organized into three distinct domains: an N-terminal transmembrane domain, a tandem-repeat neck domain and C-type lectin carbohydrate recognition domain. The extracellular region consisting of the C-type lectin and neck domains has a dual function as a pathogen recognition receptor and a cell adhesion receptor by binding carbohydrate ligands on the surface of microbes and endogenous cells. The neck region is important for homo-oligomerization which allows the re-
Immunogen	Purified recombinant fragment of human CD209 (AA: extra 270-404) expressed in E. Coli.
Recitative Species	Human;
Clone	MM5C2G9
Size and Concentration	100μg/1mg/ml
Supplied as	Lyophilized Powder from 100μl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstitued with 100μl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Blood. 2015 Oct 15;126(16):1911-20. 2.PLoS One. 2014 Aug 22;9(8):e105236.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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