

Product datasheet

Anti-CD162 antibody [TC2] ab112069

概述

产品名称	Anti-CD162抗体[TC2]
描述	小鼠单克隆抗体[TC2] to CD162
宿主	Mouse
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Human thymocytes
阳性对照	Human peripheral blood

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term.
存储溶液	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 99% PBS
纯度	Protein A purified
纯化说明	ab112069 was purified from ascites by Protein A affinity chromatography. Purity > 95% (by SDS-PAGE).
克隆	单克隆
克隆编号	TC2
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab112069** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
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Flow Cyt		Use a concentration of 1.5 - 2.5 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

功能	A SLe(x)-type proteoglycan, which through high affinity, calcium-dependent interactions with E-, P- and L-selectins, mediates rapid rolling of leukocytes over vascular surfaces during the initial steps in inflammation. Critical for the initial leukocyte capture. (Microbial infection) Acts as a receptor for enterovirus 71.
组织特异性	Expressed on neutrophils, monocytes and most lymphocytes.
翻译后修饰	Displays complex, core-2, sialylated and fucosylated O-linked oligosaccharides, at least some of which appear to contain poly-N-acetyllactosamine with varying degrees of substitution. Mainly disialylated or neutral forms of the core-2 tetrasaccharide, Galbeta1-->4GlcNAcbeta1-->6(Galbeta1-->3)GalNAcOH. The GlcN:GalN ratio is approximately 2:1 and the Man:Fuc ratio 3:5. Contains about 14% fucose with alpha-1,3 linkage present in two forms: One species is a disialylated, monofucosylated glycan, and the other, a monosialylated, trifucosylated glycan with a poly lactosamine backbone. The fucosylated forms carry the Lewis antigen and are important for interaction with selectins and for functioning in leukocyte rolling. The modification containing the sialyl Lewis X glycan is on Thr-57. No sulfated O-glycans. Some N-glycosylation. Sulfation, in conjunction with the SLe(x)-containing glycan, is necessary for P- and L-selectin binding. High affinity P-selectin binding has a preferred requirement for the isomer sulfated on both Tyr-48 and Tyr-51, whereas L-selectin binding requires predominantly sulfation on Tyr-51 with sulfation on Tyr-48 playing only a minor role. These sulfations play an important role in L- and P-selectin-mediated neutrophil recruitment, and leukocyte rolling.
细胞定位	Membrane.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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