

CD200 Antibody

Purified Mouse Monoclonal Antibody Catalog # AO1958a

Product Information

Application WB, E **Primary Accession** P41217 Reactivity Human Host Mouse Monoclonal Clonality **Clone Names** 6E8B11 Isotype IgG2a **Calculated MW** 31264 Da

Description The protein encoded by this gene is a type-1 membrane glycoprotein, which

contains two immunoglobulin domains, and thus belongs to the

immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse tissues. Multiple alternatively spliced transcript variants that encode different isoforms have

been found for this gene.

Immunogen Purified recombinant fragment of human CD200 (AA: Extra(56-257))

expressed in E. Coli.

Formulation Purified antibody in PBS with 0.05% sodium azide.

Additional Information

Other Names OX-2 membrane glycoprotein, CD200, CD200, MOX1, MOX2

Dilution WB~~1/500 - 1/2000 E~~1/10000

Storage Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions CD200 Antibody is for research use only and not for use in diagnostic or

therapeutic procedures.

Protein Information

Background

Dynactin 4 could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and

dynactin to the cortical cytoskeleton. The dynactin complex binds cargo, such as vesicles and organelles, to cytoplasmic dynein for retrograde microtubule-mediated trafficking and could feasibly be involved in the copper-regulated trafficking of ATP7B.;

References

1. Mod Pathol. 2012 Dec;25(12):1637-43.2. Am J Surg Pathol. 2011 Jan;35(1):76-83.

Images

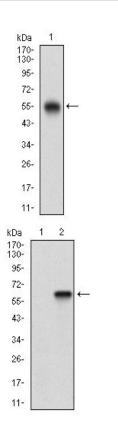


Figure 1: Western blot analysis using CD200 mAb against human CD200 (AA: Extra(56-257)) recombinant protein. (Expected MW is 48.4 kDa)

Figure 2: Western blot analysis using CD200 mAb against HEK293 (1) and CD200 (AA: Extra(56-257))-hIgGFc transfected HEK293 (2) cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.