

**ABCD1 Rabbit Monoclonal Antibody  
Product Data Sheet**

**Catalog # 2098-1**

**Clone:** EP1363Y      **Lot #:** please refer to vial  
**Quantity:** 100 µl  
**Type:** Rabbit Monoclonal IgG  
**Species Cross-reactivity:**  Human  Mouse  Rat  
**Applications:**  WB  IHC  n/d ICC  Flow Cytometry  IP  
**Molecular Wt.:** 8 kDa  
**UniProt ID:** O88430

**Background:** Chemokines are a large family of small secreted proteins that regulate migration of white blood cells. Based on the arrangement of the first two of the four conserved cysteine residues, chemokines are classified into four subfamilies, CXC, CC, C and recently identified CX3C (1). The CC chemokines, in which the first 2 cysteines are adjacent, usually act on monocytes, T lymphocytes, and, in some cases, eosinophils, basophils, or mast cells. The CC subfamily proteins are 70 to 100 amino acids long, have 25 to 75% identity with each other, and include novel member of the CC chemokine subfamily, designated ABCD1 (SCYA22). The SCYA22 protein shares 28 to 34% identity with other CC chemokines and contains the characteristic 4-cysteine motif and 9 other highly conserved residues (2). The activated T cell-attracting CC chemokine CCL22 is expressed by stimulated B cells and mature dendritic cells (DC). Both identical and distinct proteins contribute to expression of CCL22 in DC and B cells (3).

**Specificity:** A synthetic peptide corresponding to residues near the C-terminus of mouse ABCD-1 was used as an immunogen.

**Storage Conditions:** Store at -20 °C. Buffer: 50 mM Tris-Glycine (pH 7.4), 0.18 M NaCl, 40% Glycerol, 0.25% sodium azide, 0.25 mM EDTA, 25 mM Citric Acid, and 0.5% BSA. Stable for 12 months from date of receipt.

**Recommended Dilutions:**

WB: 1:250 - 500

Please visit [www.epitomics.com](http://www.epitomics.com) for recommended protocols

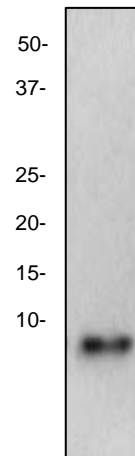
**Background References:**

1. Nomiya H, et al. Cytogenetics and Cell Genetics 81:10-11, 1998.
2. Godiska R, et al. J Exp Med 185(9):1595-604, 1997.
3. Ghadially H, et al. J Immunol 174(9):5620-9, 2005.

**Related Products:**

Antigen	Clone	Catalog #
NF-kappa B	E379	1546-1
Stat-1	Y93	1558-1

kDa



**Fig 1.** Western blot analysis on 5 ng mouse MDC recombinant protein using anti-ABCD-1 RabMAb (cat. # 2098-1), dilution 1:500.

Product QC'd by: \_\_\_\_\_

**For research use only. Not for use in diagnostic or therapeutic applications.**

This product was manufactured under U.S. Patent No. 5,675,063. For a complete list of protocols and available related products, please visit [www.epitomics.com](http://www.epitomics.com).