

Product datasheet for **BM2344**

CD57 / HNK1 Mouse Monoclonal Antibody [Clone ID: VC1.1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	VC1.1
Applications:	FC, IHC, WB
Recommended Dilution:	Suitable for use in Flow Cytometry (1 µg/1x10 ⁶ cells/test), Western blotting and Immunohistology on formalin fixed paraffin embedded tissue sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Cat unfixed cortical homogenate area 17
Specificity:	Recognizes a (Mr 110 kDa) carbohydrate molecule on Myeloid cells, known as CD57. This antibody blocks binding of HNK-1 (Leu. 7) antibody.(3)
Formulation:	0.01 M PBS, pH 7.2 containing 1% BSA as stabilizer and 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein A chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for up to one month or in aliquots at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	The CD57 surface antigen is associated with myelin-associated glycoprotein (MAG).(1). The antigen is present on 15-20% of normal peripheral blood mononuclear cells. It is expressed on a subset of natural killer cells (60%) and on a subset of T-Lymphocytes. This carbohydrate is also present on N-CAM in the nervous system.
Synonyms:	HNK-1, LEU7, NK-1, NK-Cell marker, NK1



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