

SM2003R**Monoclonal Antibody to CD177 - PE**

Alternate names:	HNA-2a, HNA2a, Human neutrophil alloantigen 2a, NB1, NB1 glycoprotein, PRV1, Polycythemia rubra vera protein 1
Quantity:	100 Tests
Concentration:	0.1 mg/ml
Background:	The neutrophil NB1 antigen is expressed by 97% of the caucasian population. Antibodies against NB1 can be involved in neonatal alloimmune neutropenia (NAN).
Uniprot ID:	Q8N6Q3
NCBI:	NP_065139.2
GeneID:	57126
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10R (for use in human samples)
Clone:	MEM-166
Format:	State: Lyophilized purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS containing 0.09% Sodium Azide and 1.0% Bovine Serum Albumin Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 1 ml distilled water.
Applications:	Flow cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises CD177 (neutrophil glycoprotein NB1). Species: Human, Rhesus Monkey. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General Readings:	1. Caruccio, L. et al. (2003) Expression of human neutrophil antigen-2a (NB1) is increased in pregnancy. <i>Transfusion</i> . 43 357 - 363. 2. Kissel, K. et al. (2002) Molecular basis of NB1 (HNA-29, CD177) deficiency. <i>Blood</i> . 99: 4231 - 4233.

Pictures:

Staining of human peripheral blood granulocytes with MOUSE ANTI HUMAN CD177:RPE (SM2003R).

