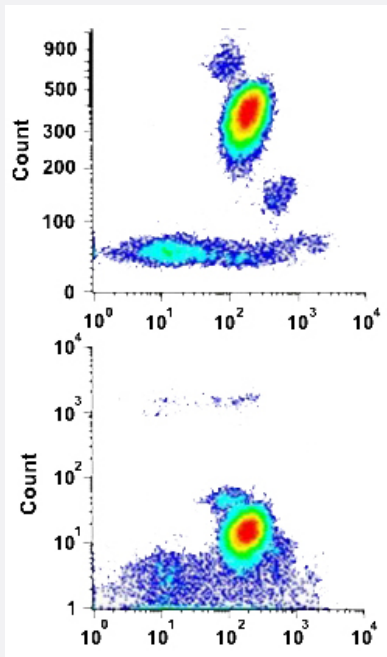


CD38 monoclonal antibody, clone GR7A4 (APC)

Catalog # MAB13887 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of human normal whole blood with CD38 monoclonal antibody, clone GR7A4 (APC) (Cat # MAB13887).

Specification

Product Description	Mouse monoclonal antibody raised against human CD38.
Immunogen	Human acute lymphoblastic leukemia (ALL) B cells.
Host	Mouse
Theoretical MW (kDa)	45
Reactivity	Human
Form	Liquid
Conjugation	APC

Purification	Protein A/G purification
Purity	>90%
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (20 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of human normal whole blood with CD38 monoclonal antibody, clone GR7A4 (APC) (Cat # MAB13887).

Gene Info — CD38

Entrez GeneID	952
Protein Accession#	P28907
Gene Name	CD38
Gene Alias	T10
Gene Description	CD38 molecule
Omim ID	107270
Gene Ontology	Hyperlink
Gene Summary	CD38 is a novel multifunctional ectoenzyme widely expressed in cells and tissues especially in leukocytes. CD38 also functions in cell adhesion, signal transduction and calcium signaling. [provided by RefSeq]
Other Designations	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase CD38 antigen CD38 antigen (p45) cyclic ADP-ribose hydrolase

Pathway

- [Calcium signaling pathway](#)
- [Hematopoietic cell lineage](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Cell Transformation](#)
- [Child Development Disorders](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Osteoporosis](#)