Technical Data Sheet

Purified Mouse Anti-Human CD235a

Product Information

Material Number:	**555569**
Alternate Name:	Glycophorin A
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	GA-R2 (HIR2)
Isotype:	Mouse IgG2b, κ
Reactivity:	QC Testing: Human
Workshop:	NA
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Glycophorin A is a sialoglycoprotein present on human red blood cells (RBC) and erythroid precursor cells. This antibody recognizes human RBCs and erythroid precursors and is useful in erythroid cell development studies. Mature, non-nucleated red blood cells are characteristically glycophorin A positive.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Store undiluted at 4° C.

Application Notes

Application

Flow cytometry	Routinely Tested

Suggested Companion Products

Catalog Number	Name	Size	Clone
555740	Purified Mouse IgG2b κ Isotype Control	0.1 mg	27-35
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

Bain BJ. *Leukemia diagnosis: A guide to the FAB classification.* 1990.(Biology)
Keren DF, Hanson CA, Hurtubise PE, ed. *Flow Cytometry and Clinical Diagnosis.* Chicago: American Society of Clinical Pathologists Press; 1994:1-676.(Biology)
Nakahata T, Okumura N. Cell surface antigen expression in human erythroid progenitors: erythroid and megakaryocytic markers. *Leuk Lymphoma.* 1994; 13(5-6):401-409.(Biology)
Rogers CE, Bradley MS, Palsson BO, Koller MR. Flow cytometric analysis of human bone marrow perfusion cultures: erythroid development and relationship with burst-forming units-erythroid. *Exp Hematol.* 1996; 24(5):597-604.(Biology)

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