

CD57 (HNK-1)

Type	Size	Catalog number
Unconjugated	100µg	103301
	500µg	103303
FITC	25 tests	103314
	100 tests	103315
	200 tests	103316
PE	25 tests	103324
	100 tests	103325
	200 tests	103326
APC	25 tests	103344
	100 tests	103345
	200 tests	103346
Biotin	100µg	103351

Antigen: CD57
Immunogen: Human lymphoblastoid cell line HSB-2
Host/Isotype: Mouse, IgM, κ
Reactivity: Human
Purity: >90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation: PBS, pH7.2, 0.09% NaN₃ (unconjugated)
 PBS, pH7.2, 0.09% NaN₃, 0.2% (w/v) BSA (conjugated)
Storage: Store at 2-8°C and protected from prolonged exposure to light. **Do not freeze.**
Applications: Flow Cytometry

Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

Antigen Information

Clone HNK-1 reacts with human CD57, a 110 kDa glycoprotein, which is present on a subset of NK cells and on a subset of T lymphocytes. It also reacts with myelin-associated glycoprotein in neuroectodermal tissue as well as cells of small cell lung carcinoma.

References

1. Abo T, et al. 1981. J Immunol. 127:1024.
2. McGarry RC, et al. 1983. Nature. 306:376.
3. Lanier LL, et al. 1983. J Immunol. 131:1789.
4. Bunn PA, et al. 1985. Blood. 65:764.
5. Sohlberg E, et al. 2013. J Immunol. 191:5669.

Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.