Caprico Biotechnologies

TECHNICAL DATA SHEET

CD14 (26ic)

Type	Size	Catalog number
Unconjugated	100µg	103401
	500µg	103403
FITC	25 tests	103414
	100 tests	103415
	200 tests	103416
PE	25 tests	103424
	100 tests	103425
	200 tests	103426
APC	25 tests	103444
	100 tests	103445
	200 tests	103446
PerCP	25 tests	103434
	100 tests	103435
	200 tests	103436
PerCP-Cyanine 5.5	25 tests	103464
	100 tests	103465
	200 tests	103466
iFluor™ 488	25 tests	1034114
	100 tests	1034115
	200 tests	1034116
iFluor™ 700	25 tests	1034194
	100 tests	1034195
	200 tests	1034196
mFluor™ 450	25 tests	1034144
	100 tests	1034145
	200 tests	1034146
mFluor™ 540	25 tests	1034164
	100 tests	1034165
	200 tests	1034166
Biotin	100µg	103451

Antigen: CD14
Immunogen: Cultured human peripheral blood monocytes
Host/Isotype: Mouse, IgG2b, κ
Reactivity: Human, Rhesus, Cynomolgus, Baboon
Purity: >90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation: PBS, pH7.2, 0.09%NaN_3 (unconjugated, Biotin)
PBS, pH7.2, 0.09% NaN_3 and 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

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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. Non-human primate cross-reactivity has been validated using Caprico's mFluor450 conjugated 26ic product.

Antigen Information

Clone 26ic reacts with a nonfunctional domain of human CD14, a 53-55 kDa glycosylphosphatidylinositol (GPI)-anchored and single chain glycoprotein expressed at high levels on monocytes. Additionally, CD14 antibody reacts with interfollicular macrophages, reticular dendritic cells and some Langerhans cells. The binding of CD14 antibody does not inhibit CD14 mediated activities and is useful for detecting CD14 expression by immunofluorescence and immunocytochemical methods.

References

1. Antal-Szalmas P, et al. 1997. Leukoc Biol. 61:721.
2. Antal-Szalmas P, et al. 2001. Cytometry. 45:115.
3. Bate C, et al. 2005. J Neuroimmunol. 170:62.
4. Detmers PA, et al. 1998. J Immunol. 161:1921.
5. Giambartolomei GH, et al. 1999. Infect Immun. 67:140.

Terms and Conditions

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

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