Caprico Biotechnologies

TECHNICAL DATA SHEET

HLA-DR (L243)

Type	Size	Catalog number
Unconjugated	100µg	103201
	500µg	103203
FITC	25 tests	103214
	100 tests	103215
	200 tests	103216
PE	25 tests	103224
	100 tests	103225
	200 tests	103226
APC	25 tests	103244
	100 tests	103245
	200 tests	103246
PerCP	25 tests	103234
	100 tests	103235
	200 tests	103236
PE-Cyanine 7	25 tests	103284
	100 tests	103285
	200 tests	103286
PerCP-Cyanine 5.5	25 tests	103264
	100 tests	103265
	200 tests	103266
iFluor™ 647	25 tests	1032124
	100 tests	1032125
	200 tests	1032126
mFluor™ 450	25 tests	1032144
	100 tests	1032145
	200 tests	1032146
Biotin	100µg	103251

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Antigen: HLA-DR
Immunogen: Human B lymphocytes
Host/Isotype: Mouse, IgG2a, 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 PerCP-Cyanine5.5 conjugated clone L243 product.

Antigen Information

The L243 antibody reacts with human HLA-DR antigen which is expressed on B lymphocytes, monocytes, macrophages, activated T lymphocytes, activated natural killer (NK) cells, and human progenitor cells. HLA-DR is also present on thymic epithelium, B lymphocyte dependent areas of spleen and lymph node, and on B cell lymphomas.

References

1. Altomonte M, et al. 2004. J Cell Physiol. 200:272.
2. Aoudjit F, et al. 2004. Cell Res. 299:79.
3. Fernandez EM, et al. 2003. Hum Immunol. 64:327.
4. Gross U, et al. 2006. Immunobiology. 211:807.
5. Meguro M, et al. 2003. Cytokine. 22:107.
6. Stein R, et al. 2006. Blood. 108:2736.

Terms and Conditions

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

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