Purified Anti-Human/Monkey HLA-DR Antibody[L243], Functional Grade

catalog number: **E-AB-F11110**

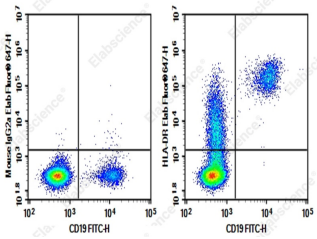
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

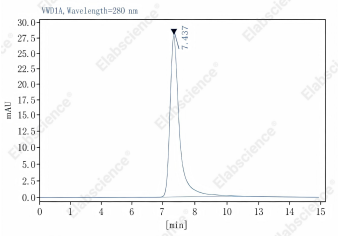
Reactivity	Human;Monkey
Immunogen	Recombinant Human/Monkey HLA-DR protein
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	L243
Purification	> 98%, Protein A/G purified, ≥ 95% monomer by analytical SEC
Endotoxin	< 1 EU/mg determined by LAL assay
Conjugation	Unconjugated
Buffer	Sterile PBS, pH 7.2. Contains no stabilizers or preservatives

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume
Block	Reported in the literature

Data



Human/Monkey peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human/Monkey HLA-DR Antibody[L243], Functional Grade (Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD19 FITC-conjugated Monoclonal Antibody.



Monomer purity ≥95% as determined by analytical size-exclusion chromatography (SEC)

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze/thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
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HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kD α (heavy) chain and a 27 kD β (light) chain. It is expressed on B cells, activated T cells, monocytes/macrophages, dendritic cells, and other non-professional APCs. In conjunction with the CD3/TCR complex and CD4 molecules, HLA-DR is critical for efficient peptide presentation to CD4+ T cells.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

Application References

Victoria A Brentville, et al. Cancer Res. 2016 Feb 1;76(3):548-60.