

Technical Data Sheet

Purified Mouse Anti-Human HLA-DR

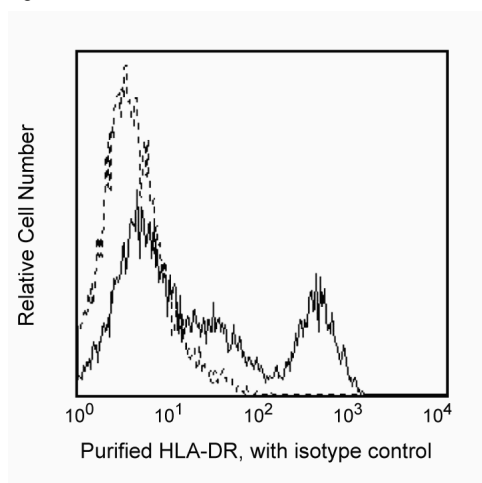
Product Information

Material Number:	556642
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	G46-6
Isotype:	Mouse IgG2a κ
Reactivity:	Human QC Testing: Baboon or Rhesus or Cynomolgus Tested in Development: Dog
Workshop:	NA
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Clone G46-6 cross-reacts with the human class II antigen of the major histocompatibility complex (MHC). This clone also cross-reacts with a subset of peripheral blood lymphocytes and monocytes, but not granulocytes, of baboon and both rhesus and cynomolgus macaque monkeys. The distribution on lymphocytes is similar to that observed with human peripheral blood lymphocytes, with the majority of CD20-positive cells and a small subset of CD3-positive cells being positive with G46-6.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.



Profile of anti-HLA-DR reactivity on peripheral blood lymphocytes of rhesus macaque (macaca mulatta) analyzed by flow cytometry

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
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Suggested Companion Products

Catalog Number	Name	Size	Clone
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Gt/Ms
556651	Purified Mouse IgG2a Kappa Isotype Control	0.1 mg	G155-178

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Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharming/en/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

Barclay NA, Brown MH, Birkeland ML, et al, ed. *The Leukocyte Antigen FactsBook*. San Diego, CA: Academic Press; 1997.(Biology)