

Anti-HLA-DR Antibody-APC/Cy7 labeled

Catalog #	Source	Reactivity	Applications
CFD8562	Mouse	H	IF, FC
Description	Mouse monoclonal antibody APC/Cy7 labeled to HLA-DR		
Immunogen	Native purified human HLA-DR.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes human HLA-DR		
Clonality	Monoclonal (clone: L243)		
Conjugation	APC/Cy7		
Form	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	HLA-DRA		
Alternative Names	HLA-DRA1; HLA class II histocompatibility antigen. DR alpha chain; MHC class II antigen DRA		
Entrez Gene	3122 (Human)		
SwissProt	P01903 (Human)		
Directions for Use	<ol style="list-style-type: none"> 1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube. 2. Add 10 µl labeled antibody to the bottom of flow tube mixing with the whole blood, incubate for 20 minutes at room temperature away from light. 3. Add 2 ml RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells. 4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant. 		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant.
6. Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured).

Storage/Stability

Shipped and store at 4°C for one year. Do not freeze.

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