

Anti-CD152 Antibody

Catalog #	Source	Reactivity	Applications
CPA8497	Mouse	H	IF, FC

Description	Mouse monoclonal antibody to CD152
Purification	The antibody was purified by affinity chromatography.
Specificity	Recognises human CD152.
Clonality	Monoclonal
Conjugation	
Form	IgG2a. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Gene Symbol	CTLA4
Alternative Names	CD152; Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD antigen CD152
Entrez Gene	1493 (Human)
SwissProt	P16410 (Human)
Storage/Stability	Shipped and store at 4°C for one year. Do not freeze.
Directions for Use	<ol style="list-style-type: none">1. Take 100 ul peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube.2. Add appropriate amount of antibody to the bottom of flow tube mixing with the whole blood; incubate for 30 minutes at room temperature.3. Add 2 ml RBC lysis buffer; incubate for 10 minutes after mixing; dissolve red blood cells.4. Sample tube is set to 1000 rpm centrifugation for 5 minutes; discard the supernatant.5. Add 2 ml PBS wash buffer to resuspend the cells; then 1000 rpm centrifugation

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

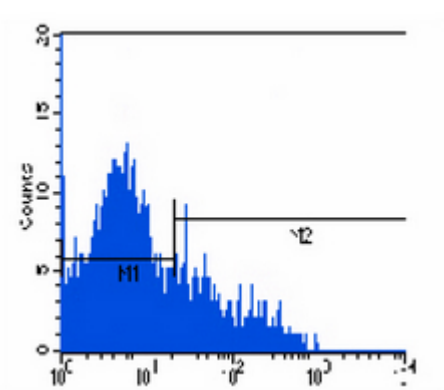
Product Data Sheet

for 5 minutes; discard the supernatant.

6. Add appropriate amount of fluorescent-labeled anti-mouse IgGs and incubate for 20 minutes away from light at room temperature.

7. Add 2 ml PBS wash buffer to resuspend the cells; then 1000 rpm centrifugation for 5 minutes; discard the supernatant.

8. 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).



Flow cytometric analysis of PBMC cells treated with CoA using Anti-CD152 Antibody, followed by anti-mouse IgG PE.

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

COHESION BIOSCIENCES LIMITED

WEBwww.cohesionbio.com**ORDER**order@cohesionbio.com**SUPPORT**techsupport@cohesionbio.com**CUSTOM**custom@cohesionbio.com