

CD45 antibody [GT0014]

Cat No. GTX628507

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, FACS
Reactivity	Human

Reference (2)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
FACS	1:1:50-1:200

Not tested in other applications.

Calculated MW 147 kDa. ([Note](#))

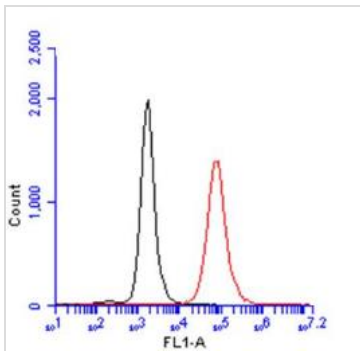
PROPERTIES

Form	Liquid
Buffer	PBS
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to human CD45
Purification	Affinity purified by Protein G. From tissue culture supernatant
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES



GTX628507 FACS Image

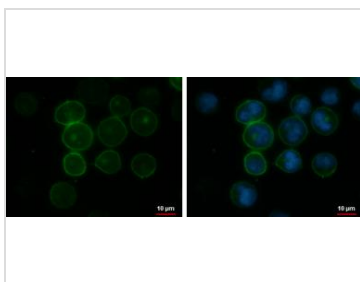
CD45 antibody [GT0014] (GTX628507) detects CD45 protein by flow cytometry analysis.

Sample: THP-1 cell.

Black: Unlabelled sample was used as a control.

Red: CD45 antibody [GT0014] (GTX628507) dilution: 1:50.

Acquisition of 20,000 events were collected using a Dylight 488-conjugated secondary antibody for FACS analysis.



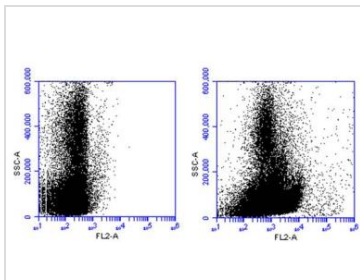
GTX628507 ICC/IF Image

CD45 antibody [GT0014] (GTX628507) detects CD45 protein at cell membrane by immunofluorescent analysis.

Sample: Raji cells were fixed in ice-cold MeOH for 5 min.

Green: CD45 protein stained by CD45 antibody [GT0014] (GTX628507) diluted at 1:500.

Blue: Hoechst 33342 staining.



GTX628507 FACS Image

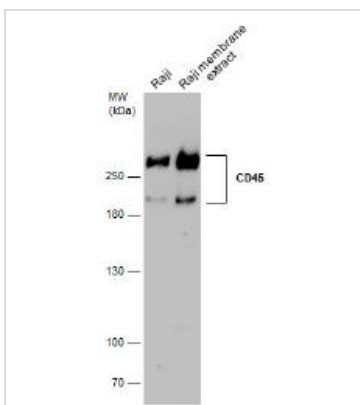
CD45 antibody [GT0014] (GTX628507) detects CD45 protein by flow cytometry analysis.

Sample: mouse splenocytes cell.

Left: Unlabelled sample was used as a control.

Right: CD45 antibody [GT0014] (GTX628507) dilution: 1:50.

Acquisition of 40,000 events were collected using a Dylight 488-conjugated secondary antibody for FACS analysis.



GTX628507 WB Image

Raji whole cell and membrane extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with CD45 antibody [GT0014] (GTX628507) diluted at 1:1000.

The observed M.W. is based on the publication: PMID: 24405902



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