

CD45 antibody

Cat. No. GTX116018

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	ICC/IF, IHC-P, IHC-Fr, FCM
Reactivity	Human, Mouse, Rat, Rabbit

References (6)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	1:50-1:200

Not tested in other applications.

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

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.15 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Intracellular domain of human CD45. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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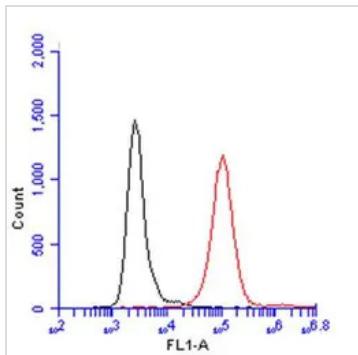
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

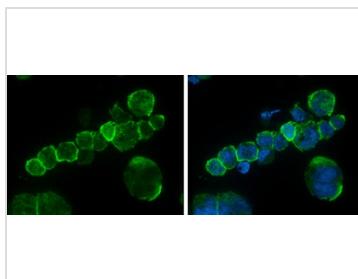
**GTx116018 FCM Image**

CD45 antibody (GTx116018) detects CD45 protein by flow cytometry analysis.

Sample: THP-1 cell.

Black: Unlabelled sample was used as a control.

Red: CD45 antibody (GTx116018) dilution: 1:50.

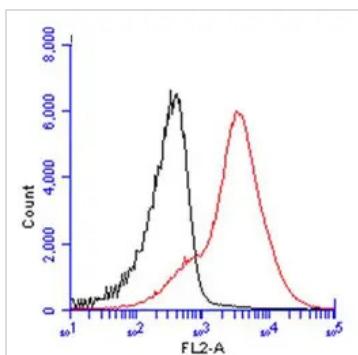
**GTx116018 ICC/IF Image**

CD45 antibody detects CD45 protein at cell membrane by immunofluorescent analysis.

Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: CD45 protein stained by CD45 antibody (GTx116018) diluted at 1:500.

Blue: Hoechst 33342 staining.

**GTx116018 FCM Image**

CD45 antibody (GTx116018) detects CD45 protein by flow cytometry analysis.

Sample: mouse splenocytes cell fixed in 4% paraformaldehyde at 4oC for 15 min.

Black: Unlabelled sample was used as a control.

Red: CD45 antibody (GTx116018) dilution: 1:50.

Acquisition of 20,000 events were collected for FACS analysis.



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