

## CD45 antibody

**Cat. No. GTX116018**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	ICC/IF, IHC-P, IHC-Fr, FCM
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	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.
<b>Concentration</b>	0.15 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Synthetic peptide encompassing a sequence within the Intracellular domain of human CD45. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated



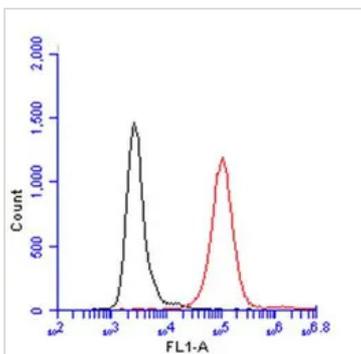
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**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

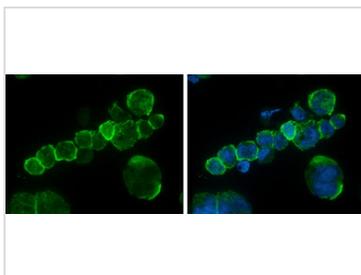
**GTX116018 FCM Image**

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.

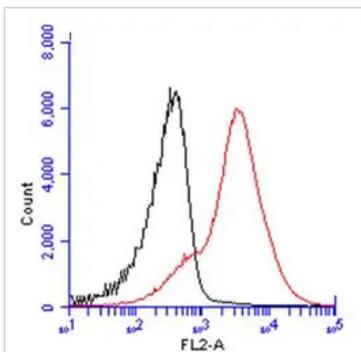
**GTX116018 ICC/IF Image**

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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