

# CD44 antibody [Hermes-1]

**Cat. No. GTX15883**

<b>Host</b>	Rat
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Application</b>	ICC/IF, FACS, IP, IHC, Neutralizing/Inhibition
<b>Reactivity</b>	Human, Mouse, Rabbit, Goat, Sheep, Bovine

Reference ( 2 )  
Package  
100 µg

## APPLICATION

### Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1:10-1:200
FACS	Assay dependent
IP	Assay dependent
IHC	Assay dependent
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

**Calculated MW** 82 kDa. ( [Note](#) )

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservative
<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>	~1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	80 - 95 kDa lymphocyte surface glycoprotein H-CAM (CD44).
<b>Purification</b>	Protein G purified
<b>Conjugation</b>	Unconjugated



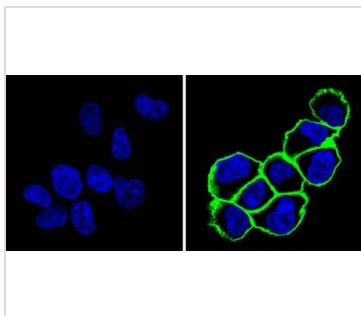
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## Note

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



### GTX15883 ICC/IF Image

ICC/IF analysis of MDA-MB-231 cells using GTX15883 CD44 antibody [Hermes-1]. Cells were probed without (left) or with(right) an antibody.

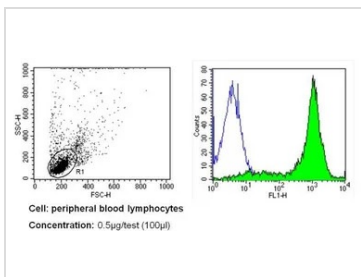
Green : Primary antibody

Blue : Nuclei

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

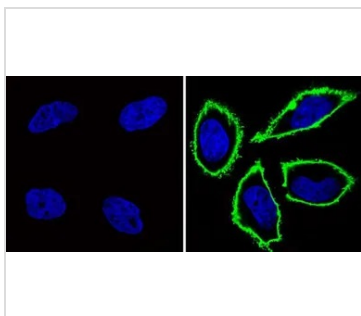
Dilution : 1:100 incubated overnight at 4 °C



### GTX15883 FACS Image

FACS analysis of PBMC cells using GTX15883 CD44 antibody [Hermes-1] compared to an isotype control (blue).

Dilution : 0.5 ug/test incubated for 30 min at 4°C



### GTX15883 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX15883 CD44 antibody [Hermes-1]. Cells were probed without (left) or with(right) an antibody.

Green : Primary antibody

Blue : Nuclei

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:100 incubated overnight at 4 °C



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