

## E-Cadherin antibody [GT311]

Cat. No. GTX629692

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, FCM, IP
Reactivity	Human

References ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
FCM	1:50-1:200
IP	1:100-1:500

Not tested in other applications.

Calculated MW 97 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	Recombinant protein encompassing a sequence within the center region of human E-Cadherin. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

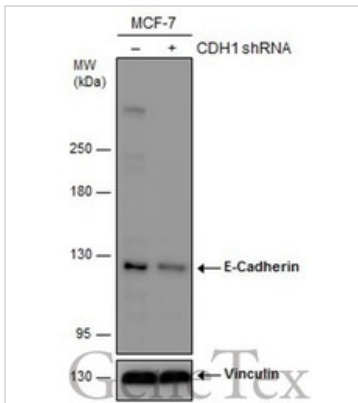
## Note

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

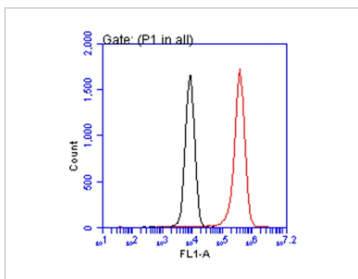
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**DATA IMAGES**

**GTX629692 WB Image**

Non-transfected (–) and transfected (+) MCF-7 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with E-Cadherin antibody [GT311] (GTX629692) diluted at 1:2000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


**GTX629692 FCM Image**

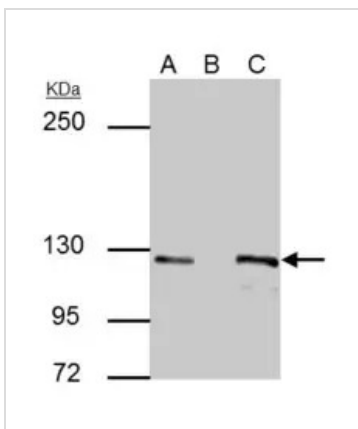
E-Cadherin antibody [GT311] (GTX629692) detects E-Cadherin protein by flow cytometry analysis.

Sample: MCF-7 cell.

Black: Unlabelled sample was used as a control.

Red: E-Cadherin antibody [GT311] (GTX629692) dilution: 1:50.

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


**GTX629692 IP Image**

E-adherin antibody [GT311] immunoprecipitates E-adherin protein in IP experiments.

IP samples: MCF-7 whole cell extract

A. 30 µg MCF-7 cell whole cell extract

B. Control with 3 µg of preimmune Mouse IgG

C. Immunoprecipitation of E-adherin protein by 3 µg E-adherin antibody [GT311] (GTX629692)

5 % SDS-PAGE

The immunoprecipitated E-adherin protein was detected by E-adherin antibody [GT311] (GTX629692) diluted at 1:500.

[EasyBlot anti-mouse IgG (GTX221667-01) was used as a secondary reagent]



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