

ZO-2 antibody

Cat. No. GTX03355

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

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.25-0.5µg/ml
ICC/IF	5µg/ml
IHC-P	2-5µg/ml
FCM	1-3µg/1x10 ⁶ cells

Not tested in other applications.

Calculated MW 134 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄
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	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A synthetic peptide corresponding to a sequence of human TJP2/ZO2 (QEAQNARIEIAQKHPDIYAVPIK).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

Note

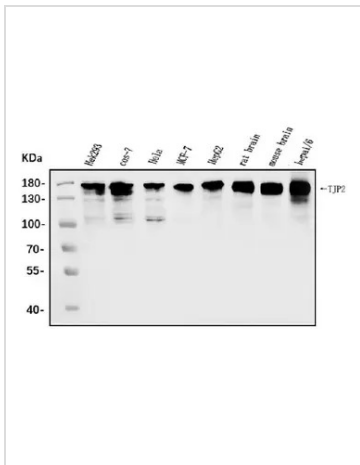
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DATA IMAGES



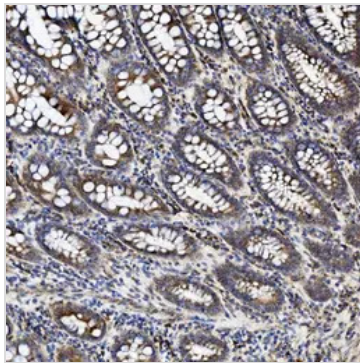
GTX03355 WB Image

WB analysis of various sample lysates using GTX03355 TJP2 antibody.

- Lane 1 : HEK293 whole cell lysates
- Lane 2 : COS-7 whole cell lysates
- Lane 3 : HeLa whole cell lysates
- Lane 4 : MCF-7 whole cell lysates
- Lane 5 : HepG2 whole cell lysates
- Lane 6 : rat brain tissue lysates
- Lane 7 : mouse brain tissue lysates
- Lane 8 : HEPA1-6 whole cell lysates

Dilution : 0.5 µg/mL

Loading : 30µg per lane

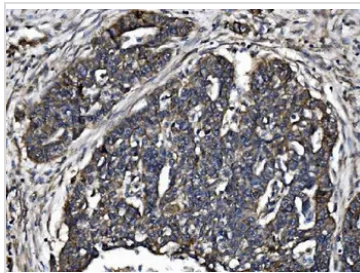


GTX03355 IHC-P Image

IHC-P analysis of human rectal cancer tissue using GTX03355 TJP2 antibody.

Antigen retrieval : Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution)

Dilution : 2µg/ml

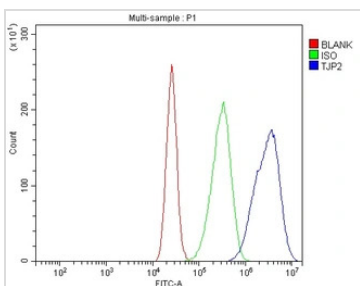


GTX03355 IHC-P Image

IHC-P analysis of human ovarian serous adenocarcinoma tissue using GTX03355 TJP2 antibody.

Antigen retrieval : Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution)

Dilution : 2µg/ml



GTX03355 FCM Image

FACS analysis of CACO-2 cells using GTX03355 TJP2 antibody.

- Blue : Primary antibody
- Green : Isotype control
- Red : Unlabelled sample

Antibody amount : 1µg/1x10⁶ cells for 30 min at 20°C



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