

ADAM12 antibody, N-term

Cat. No. GTX89596

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	ICC/IF, IHC-P, FCM
Reactivity	Human

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	10µg/ml
IHC-P	3.75µg/ml
FCM	Assay dependent

Note : Strong expression of the protein seen in the cytoplasm and plasma membrane of A431 cells.

Human Prostate shows strong cytoplasm staining of a group of secretory epithelial cells.

Not tested in other applications.

Product Note

This antibody is expected to recognise both the longer membrane-bound form of human ADAM12 (NP_003465.3) and the shorter soluble ADAM12 splice isoform (NP_067673.2). This antibody does not cross-react with other ADAMS.

Properties

Form	Liquid
Buffer	TBS, 0.5% BSA
Preservative	0.02% Sodium azide
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	0.50 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide with sequence AARPLPVSPARALC, from the N Terminus of the protein sequence according to NP_003465.3; NP_067673.2.
Purification	Purified by ammonium sulphate precipitation followed by antigen affinity chromatography
Conjugation	Unconjugated



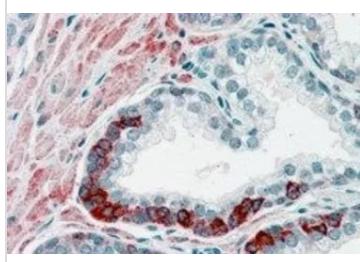
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Note

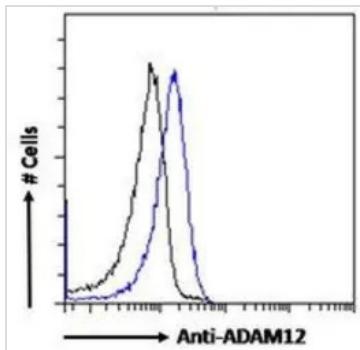
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DATA IMAGES**GTx89596 IHC-P Image**

IHC-P analysis of human prostate using GTx89596 ADAM12 antibody, N-term.

Antigen retrieval : citrate buffer pH 6

Dilution : 3.8 μ g/ml

**GTx89596 FCM Image**

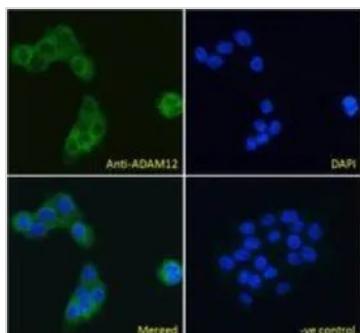
FACS analysis of PFA fixed HeLa cells using GTx89596 ADAM12 antibody, N-term.

Blue : Primary antibody

Black : Isotype control

Permeabilization : 0.5% Triton

Dilution : 10 μ g/ml

**GTx89596 ICC/IF Image**

ICC/IF analysis of PFA fixed A431 cells using GTx89596 ADAM12 antibody, N-term.

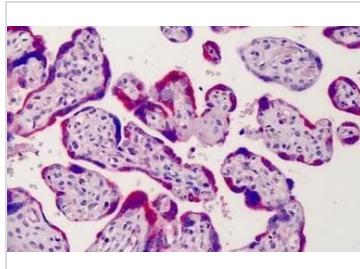
Green : Primary antibody

Blue : DAPI

Negative control : Unimmunized goat IgG

Permeabilization : 0.15% Triton

Dilution : 10 μ g/ml

**GTx89596 IHC-P Image**

IHC-P analysis of human placenta using GTx89596 ADAM12 antibody, N-term.

Antigen retrieval : citrate buffer pH 6

Dilution : 3.75 μ g/ml



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