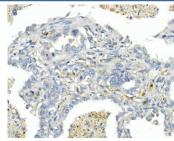


Endothelin A Receptor Antibody / EDNRA (RQ5880)

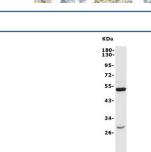
Catalog No.	Formulation	Size
RQ5880	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

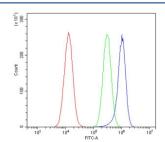
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P25101
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Endothelin A Receptor antibody is available for research use only.



IHC staining of FFPE human lung cancer with Endothelin A Receptor antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human HEK293 lysate with Endothelin A Receptor antibody. Predicted molecular weight $\sim\!49$ kDa.



Flow cytometry testing of human A549 cells with Endothelin A Receptor antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=Endothelin A Receptor antibody.

Description

This gene encodes the receptor for endothelin-1, a peptide that plays a role in potent and long-lasting vasoconstriction. This receptor associates with guanine-nucleotide-binding (G) proteins, and this coupling activates a phosphatidylinositol-calcium second messenger system. Polymorphisms in this gene have been linked to migraine headache resistance. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the Endothelin A Receptor antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids N32-Q381) was used as the immunogen for the Endothelin A Receptor antibody.

Storage

After reconstitution, the Endothelin A Receptor antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.