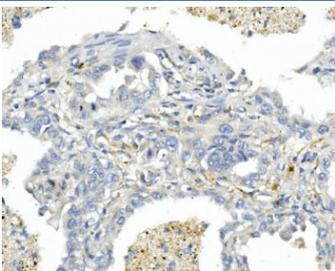


## Endothelin A Receptor Antibody / EDNRA (RQ5880)

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

**Bulk quote request**

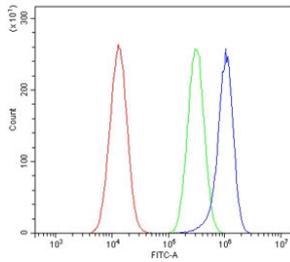
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P25101
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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 ~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.