

For Research Use Only

# FO XK2 Recombinant antibody

Catalog Number: 83735-5-RR



## Basic Information

Catalog Number:

83735-5-RR

Size:

100ul

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33625

GenBank Accession Number:

NM\_004514.3

GeneID (NCBI):

3607

UNIPROT ID:

Q01167

Full Name:

forkhead box K2

Calculated MW:

69 kDa

Purification Method:

Protein A purification

CloneNo.:

240692D6

Recommended Dilutions:

IHC: 1:1000-1:4000

IF/ICC: 1:500-1:2000

FC (Intra): 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

IHC : human placenta tissue, human stomach cancer tissue, human colon tissue

IF/ICC : A431 cells,

FC (Intra) : HEK-293T cells, SH-SY5Y cells

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 83735-5-RR (FOXK2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 83735-5-RR (FOXK2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 83735-5-RR (FOXK2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83735-5-RR (FOXK2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using FOXK2 antibody (83735-5-RR, Clone: 240692D6 ) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using FOXK2 antibody (83735-5-RR, Clone: 240692D6 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.25 ug Foxk2 Recombinant Antibody (83735-5-RR, Clone:240692D6) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



1x10<sup>6</sup> HEK-293T cells were intracellularly stained with 0.25 ug Foxk2 Recombinant Antibody (83735-5-RR, Clone:240692D6) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).