

For Research Use Only

# FOXK2 Recombinant antibody

Catalog Number: 83735-5-RR



## Basic Information

Catalog Number:	83735-5-RR	GenBank Accession Number:	NM_004514.3	Purification Method:	Protein A purification
Size:	100ul	GenID (NCBI):	3607	CloneNo.:	240692D6
Source:	Rabbit	UNIPROT ID:	Q01167	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
Isotype:	IgG	Full Name:	forkhead box K2		
Immunogen Catalog Number:	AG33625	Calculated MW:	69 kDa		

## 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).