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# anti-Forkhead Box K2 antibody (C-Term)



**Images** 

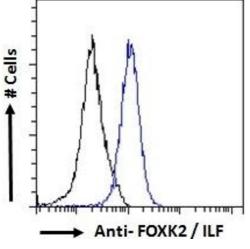


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| Quantity:                       | 100 μg  |
|---------------------------------|---|
| Target:                         | Forkhead Box K2 (FOXK2)   |
| Binding Specificity:            | C-Term  |
| Reactivity:                     | Human   |
| Host:                           | Goat  |
| Clonality:                      | Polyclonal  |
| Conjugate:                      | This Forkhead Box K2 antibody is un-conjugated  |
| Application:                    | Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)  |
| Product Details                 |   |
|                                 |   |
| Purpose:                        | FOXK2 / ILF (isoform 1)   |
| Purpose: Immunogen:             | FOXK2 / ILF (isoform 1)  Peptide with sequence C-TPPAAVREKGVQN, from the C Terminus of the protein sequence according to NP_004505.2. |
| ·                               | Peptide with sequence C-TPPAAVREKGVQN, from the C Terminus of the protein sequence  |
| Immunogen:                      | Peptide with sequence C-TPPAAVREKGVQN, from the C Terminus of the protein sequence according to NP_004505.2.                          |
| Immunogen:  Sequence:           | Peptide with sequence C-TPPAAVREKGVQN, from the C Terminus of the protein sequence according to NP_004505.2.  TPPAAVREKG VQN          |
| Immunogen:  Sequence:  Isotype: | Peptide with sequence C-TPPAAVREKGVQN, from the C Terminus of the protein sequence according to NP_004505.2.  TPPAAVREKG VQN  IgG     |

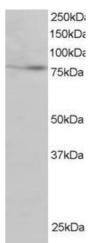
## **Target Details**

| rarget Details      |  |  |  |
|---------------------|--|--|--|
| Target:             | Forkhead Box K2 (FOXK2)  |  |  |
| Alternative Name:   | FOXK2 (FOXK2 Products)   |  |  |
| Background:         | ILF1, FOXK2, ILF, ILF-1, interleukin enhancer binding factor 1, cellular transcription factor ILF-1, |  |  |
|                     | forkhead box K2  |  |  |
| Gene ID:            | 3607   |  |  |
| NCBI Accession:     | NP_004505  |  |  |
| Application Details |  |  |  |
| Application Notes:  | Western Blot: Approx 80 kDa band observed in nuclear lysates of cell lines HEK293, HeLa and          |  |  |
|                     | Jurkat (calculated MW of 69.1 kDa according to NP_004505.2.) This molecular weight is                |  |  |
|                     | routinely observed by other sources and was successfully blocked by incubatio                        |  |  |
|                     | Peptide ELISA: antibody detection limit dilution 1:32000.  |  |  |
| Comment:            | Immunofluorescence: Strong expression of the protein seen in the nuclei and                          |  |  |
|                     | cytoplasmic/vesicles of U2OS and HeLa cells. Recommended concentration: 10µg/ml.                     |  |  |
|                     | Flow Cytometry: Flow cytometric analysis of HeLa cells. Recom  |  |  |
| Restrictions:       | For Research Use only  |  |  |
| Handling            |  |  |  |
| Format:             | Liquid   |  |  |
| Concentration:      | 0.5 mg/mL  |  |  |
| Buffer:             | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.   |  |  |
| Preservative:       | Sodium azide   |  |  |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which                        |  |  |
|                     | should be handled by trained staff only.   |  |  |
| Handling Advice:    | Minimize freezing and thawing.   |  |  |
| Storage:            | -20 °C   |  |  |
| Storage Comment:    | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated       |  |  |
|                     | at 4°C for a few weeks and still remain viable.  |  |  |



### **Flow Cytometry**

**Image 1.** ABIN185049 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10  $\mu$ g/mL) followed by Alexa Fluor 488 secondary antibody (1  $\mu$ g/mL). IgG control: Unimmunized goat IgG (black line) fol



#### **Western Blotting**

**Image 2.** ABIN185049 staining (2µg/ml) of Human Heart lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

#### **Western Blotting**

**Image 3.** ABIN185049 (0.3μg/ml) staining of Human Thymus lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.

Please check the product details page for more images. Overall 6 images are available for ABIN185049.