

## Anti-IRF6 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

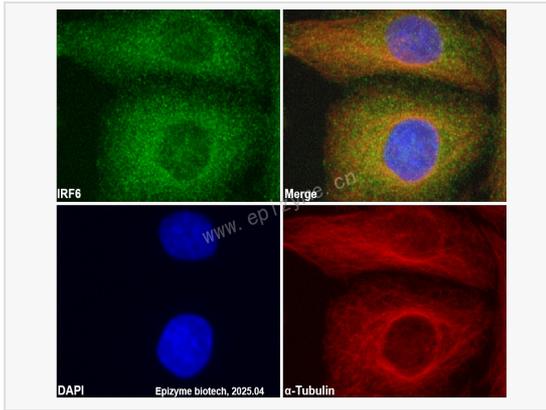
Catalog # R015071

### Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	18K06J44
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IRF6
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IRF6 Rabbit mAb [18K06J44] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Interferon regulatory factor 6, IRF 6, IRF-6, IRF6, IRF6_HUMAN, LPS, OFC 6, OFC6, OTTHUMP00000034677, OTTHUMP00000034678, PIT, PPS, PPS1, VWS, VWS1.
Calculated MW	Calculated MW: 53 kDa; Observed MW: 60 kDa
Uniprot ID	O14896
Gene ID	3664
Background	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. Family members share a highly-conserved N-terminal helix-turn-helix DNA-binding domain and a less conserved C-terminal protein-binding domain. The encoded protein may be a transcriptional activator. Mutations in this gene can cause van der Woude syndrome and popliteal pterygium syndrome. Mutations in this gene are also associated with non-syndromic orofacial cleft type 6. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2011].
Cellular Location	Nucleus. Cytoplasm. Translocates to nucleus in response to an activating signal.
Tissue Location	Expressed in normal mammary epithelial cells. Expression is reduced or absent in breast carcinomas.



Immunofluorescence - Anti-IRF6 Rabbit mAb [18K06J44]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R015071 at 1:100 dilution and  $\alpha$ -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).