

## I Kappa B Beta Monoclonal Antibody(1F3)

### Description

Product type	Primary Antibody
Code	BT-MCA0790
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Kappa B Beta
Mol wt	N/A
Species reactivity	Human,Rat,Mouse
Clonality	Monoclonal
Recommended application	IHC-P, IF, ICC
Concentration	1 mg/ml
Full name	NF-kappa-B inhibitor beta
Synonyms	NFKBIB; IKBB; TRIP9; NF-kappa-B inhibitor beta; NF-kappa-BIB; I-kappa-B-beta; IκB-B; IκB-beta; IκappaBbeta; Thyroid receptor-interacting protein 9; TR-interacting protein 9; TRIP-9

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene belongs to the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor. Alternatively spliced transcript variants have been found for this gene.

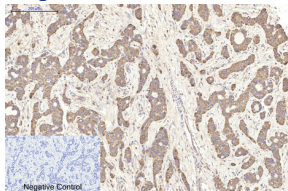
### Recommended Dilution

IF: 1:50-200

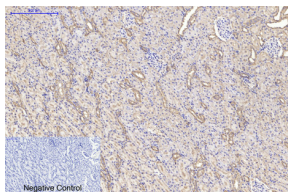
IHC: 1:200

Not yet tested in other applications.

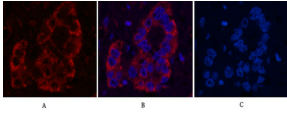
### Images



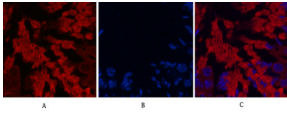
Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. 1. IκB Beta Monoclonal antibody(1F3) was diluted at 1:200(4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3. Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



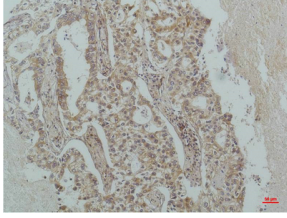
Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1. IκB Beta Monoclonal antibody(1F3) was diluted at 1:200(4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3. Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



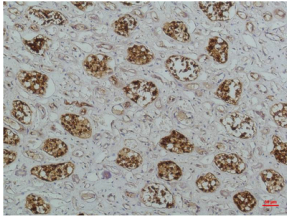
Immunofluorescence analysis of Human-liver-cancer tissue. 1. I $\kappa$ B Beta Monoclonal antibody(1F3) (red) was diluted at 1:200(4°C,overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunofluorescence analysis of Mouse-testis tissue. 1. I $\kappa$ B Beta Monoclonal antibody(1F3)(red) was diluted at 1:200(4°C,overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Human Lung Carcinoma using I $\kappa$ B Beta(Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using I $\kappa$ B Beta Mouse Monoclonal antibody diluted at 1:200.

### Storage

-20°C for one year

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