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Anti-XBP1 Rabbit mAb [95B03]

Catalog No.: A52365

Basic Information

Catalog No. (Cat.No.)	A52365
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	XBP1,X-box binding protein 1,XBP1,XBP-1

Product Information

Target	XBP1
Molecular Weight(Calculated)	29 kDa
Molecular Weight(Observed)	35 kDa,60 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	95B03
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	X-box-binding protein-1
Gene Name	*XBP1*
Domain	NA
Background	XBP1 (X-box-binding protein 1) is master transcription factor of endoplasmic-reticulum-stress UPR (unfolded-protein-response) pathway. Accumulation of misfolded proteins activates IRE1, which mediates XBP1-mRNA splicing to generate potent active spliced isoform XBP1-s. Nuclear XBP1-s up-regulates ER-folding and ER-associated-degradation transcripts to resolve ER stress. Unspliced XBP1-u exhibits minimal transcriptional activity.