Mouse XBP1 Monoclonal Antibody | anti-XBP1 antibody

Mouse Monoclonal [clone 9B7E5] (IgG1) to Human XBP1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51874	**Mouse**	**Human, Mouse, Rat**	**ELISA, Western Blot, Immunocytochemistry, Immunohistochemistry**

PRODUCT SYNONYMS

XBP1; Monoclonal Antibody; Mouse Monoclonal [clone 9B7E5] (IgG1) to Human XBP1; Anti-XBP1 Antibody (aa2-160; clone 9B7E5) IHC-plus; X-box binding protein 1; X-box-binding protein 1; XBP2; TREB5; XBP-1; Human XBP1; anti-XBP1 antibody

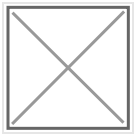
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	9B7E5
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS containing 0.02% sodium azide. Sourced in Ascites.
Concentration	1 mg/ml (varies by lot)
Sequence Length	261
Applicable Applications for anti-XBP1 antibody	ELISA, WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant protein corresponding to amino acids 2 to 160 of human XBP-1.
Immunogen Type	Recombinant protein
Immunogen	XBP1 antibody was raised against recombinant protein corresponding to amino acids 2 to 160 of human XBP-1.
Antigen Modification	aa2-160
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

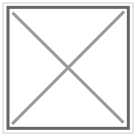
IMAGES

WB (Western Blot)
Western blot of 100 ng of XBP-1 recombinant protein with XBP-1 antibody at 1 ug/ml.

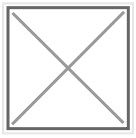
ICC (Immunocytochemistry)
Immunocytochemistry of XBP-1 in HepG2 cells with XBP-1 antibody at 2 ug/ml.



IF (Immunofluorescence)
Immunofluorescence of XBP1 in HepG2 cells with XBP1 antibody at 2 ug/ml.



IHC (Immunohiostchemistry)
Anti-XBP1 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
Anti-XBP1 antibody IHC of human skin. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-XBP1 antibody	XBP1 is a transcription factor that regulates MHC class II genes by binding to a promoter element referred to as an X box. It is a bZIP protein, which was also identified as a cellular transcription factor that binds to an enhancer in the promoter of the T cell leukemia virus type 1 promoter. It may increase expression of viral proteins by acting as the DNA binding partner of a viral transactivator.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14110395
NCBI GeneID	7494
NCBI Accession #	NP_005071.2
NCBI GenBank Nucleotide #	NM_005080.3
UniProt Accession #	P17861; Q8WYK6; Q969P1; Q96BD7
Molecular Weight	40,148 Da
NCBI Official Full Name	X-box-binding protein 1 isoform XBP1(U)
NCBI Official Synonym Full Names	X-box binding protein 1
NCBI Official Symbol	XBP1
NCBI Official Synonym Symbols	XBP2; TREB5; XBP-1
NCBI Protein Information	X-box-binding protein 1; tax-responsive element-binding protein 5
UniProt Protein Name	X-box-binding protein 1
UniProt Gene Name	**XBP1**
UniProt Synonym Gene Names	TREB5; XBP2; XBP-1
UniProt Entry Name	XBP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/xbp1-antibody-clone-9b7e5-western-blot-immunocytochemistry-immunohistochemistry-elisa/51874