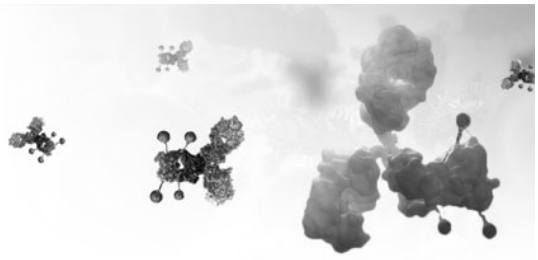

Anti-XBP1 monoclonal antibody, clone 0C8F6 (DCABH-235)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to XBP1
Antigen Description	Transcription factor essential for hepatocyte growth, the differentiation of plasma cells, the immunoglobulin secretion, and the unfolded protein response (UPR). Acts during endoplasmic reticulum stress (ER) by activating unfolded protein response (UPR) target genes via direct binding to the UPR element (UPRE). Binds DNA preferably to the CRE-like element 5-GATGACGTG[TG]N(3)[AT]T-3, and also to some TPA response elements (TRE). Binds to the HLA DR-alpha promoter. Binds to the Tax-responsive element (TRE) of HTLV-I.
Immunogen	Recombinant fragment, corresponding to amino acids 2-160 of Human XBP1
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	0C8F6
Purity	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, ICC
Positive Control	Human skin and small intestine tissue
Format	Liquid
Size	50 µg

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Buffer	Preservative: 0.02% Sodium Azide; Constituents: PBS
Preservative	0.02% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	XBP1 X-box binding protein 1 [Homo sapiens]
Official Symbol	XBP1
Synonyms	XBP1; X-box binding protein 1; XBP2; X-box-binding protein 1; tax-responsive element-binding protein 5; TREB5; XBP-1;
Entrez Gene ID	7494
Protein Refseq	NP_001073007
UniProt ID	P17861
Chromosome Location	22q12.1
Pathway	Activation of Chaperone Genes by ATF6-alpha, organism-specific biosystem; Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by ATF6-alpha, organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem;
Function	DNA binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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