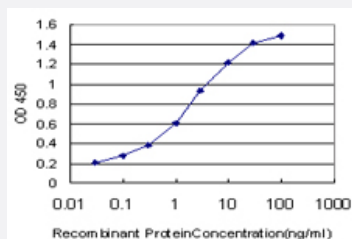


HBXAP monoclonal antibody (M05), clone 3E6

Catalog # H00051773-M05

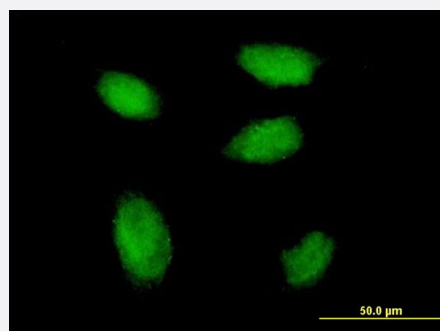
Size 100 ug

Applications



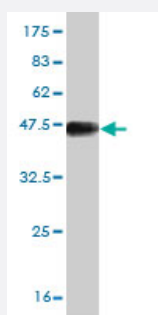
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HBXAP is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to RSF1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant HBXAP .

Immunogen	HBXAP (NP_057662.3, 1343 a.a. ~ 1441 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	IESDEEEDFENVGKVGSPLDYSLVDLPSTNGQSPGKAIENLIGKPTKESQTPKDNSTASASLASN GTSGGQEAGAPEEEEEDELLRVTDLVDYVCNSEQL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (82)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HBXAP is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to RSF1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — RSF1

Entrez GeneID [51773](#)

GeneBank Accession# [NM_016578](#)

Protein Accession#	NP_057662.3
Gene Name	RSF1
Gene Alias	HBXAP, RSF-1, XAP8, p325
Gene Description	remodeling and spacing factor 1
Omim ID	608522
Gene Ontology	Hyperlink
Gene Summary	HBXAP is involved in transcription repression, transcription coactivation when associated with hepatitis B virus X protein (HBX), and chromatin remodeling and spacing when associated with SN F2H (MIM 603375).[supplied by OMIM]
Other Designations	HBV pX associated protein-8 hepatitis B virus x associated protein hepatitis B virus x-associated protein

Publication Reference

- [Post-Translational Regulation of the RSF1 Chromatin Remodeler under DNA Damage.](#)

Min S, Choi YW, Yun H, Jo S, Ji JH, Cho H.

Molecules and Cells 2018 Feb; 41(2):127.

Application: WB-Ce, WB-Tr, Human, EJ cells, MCF-7, U-2 OS cells

- [HBxAP \$\alpha\$ /Rsf-1-mediated HBx-hBubR1 interactions regulate the mitotic spindle checkpoint and chromosome instability.](#)

Chae S, Ji JH, Kwon S, Lee HS, Lim J, Kang D, Lee C, Cho H.

Carcinogenesis 2013 Jul; 34(7):1680.

Application: IP-WB, WB-Tr, Human, HeLa cells