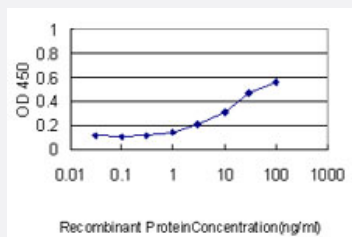# YBX1 monoclonal antibody (M01), clone 4F12
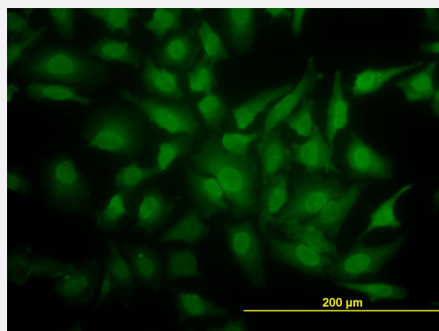
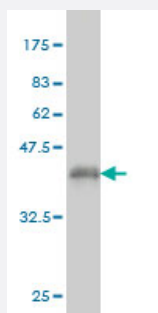Catalog #   H00004904-M01   Size   100 ug

Applications

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged YBX1 is approximately 0.3ng/ml as a capture antibody.

Immunofluorescence

Immunofluorescence of monoclonal antibody to YBX1 on HeLa cell. [antibody concentration 20 ug/ml]

Western Blot detection against Immunogen (35.53 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant YBX1.

Immunogen	YBX1 (NP_004550, 51 a.a. ~ 139 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DKKVIATKVLGTVKWFNVRNGYGFINRNDTKEDVFVHQTAIKKNNPRKYLRSVGDGETVEFDVVE GEKGAEAANVTGPGGVPVQGSKYA
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 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 YBX1 is approximately 0.3ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to YBX1 on HeLa cell. [antibody concentration 20 ug/ml]

Gene Info — YBX1

Entrez GeneID	4904
GeneBank Accession#	NM_004559
Protein Accession#	NP_004550
Gene Name	YBX1

Gene Alias	BP-8, CSDA2, CSDB, DBPB, MDR-NF1, MGC104858, MGC110976, MGC117250, NSEP-1, NSEP1, YB-1, YB1
Gene Description	Y box binding protein 1
Omim ID	[154030](#)
Gene Ontology	[Hyperlink](#)
Gene Summary	class II
Other Designations	DNA-binding protein B|OTTHUMP00000008731|major histocompatibility complex, class II, Y box-binding protein I|nuclease sensitive element binding protein 1