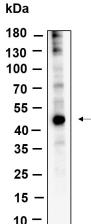
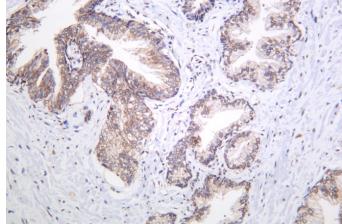


Recombinant YB-1 Monoclonal Antibody

catalog number: AN301185L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human YB-1 protein
Host	Rabbit
Isotype	IgG, κ
Clone	B944
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200
Data	
	
Western Blot with Recombinant YB-1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: MCF7 lysate.	Immunohistochemistry of paraffin-embedded human prostate carcinoma using Recombinant YB-1 Monoclonal Antibody at dilution of 1:200.
Observed-MW:49 kDa	
Calculated-MW:36 kDa	
Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag
Background	
This gene encodes a highly conserved cold shock domain protein that has broad nucleic acid binding properties. The encoded protein functions as both a DNA and RNA binding protein and has been implicated in numerous cellular processes including regulation of transcription and translation, pre-mRNA splicing, DNA reparation and mRNA packaging. This protein is also a component of messenger ribonucleoprotein (mRNP) complexes and may have a role in microRNA processing. This protein can be secreted through non-classical pathways and functions as an extracellular mitogen. Aberrant expression of the gene is associated with cancer proliferation in numerous tissues. This gene may be a prognostic marker for poor outcome and drug resistance in certain cancers. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on multiple chromosomes.	

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Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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