

YB1 Rabbit Monoclonal Antibody

Catalog #: EAB21523

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|---------------------------|----------|-------------------|
| Rabbit IgG | Monoclonal | WB, IP, IHC-P, IF/ICC, FC | 36 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|--|------------|
| WB (Western Blotting) | 1:500-2000 |
| IP (Immunoprecipitation) | 1:10-100 |
| IHC-P (Immunohistochemistry-Paraffin) | 1:50-200 |
| IF/ICC (Immunofluorescence/Immunocytochemistry) | 1:50-200 |
| FC (Flow Cytometry) | 1:10-100 |

Product Information

| | |
|-----------------------|---|
| Conjugate | Unconjugate |
| Specificity | YB1 Rabbit Monoclonal Antibody detects endogenous levels of YB1 protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | P67809 |
| Entrez-Gene Id | 4904 |

Product Description

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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