



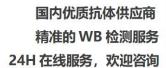
p53RFP Monoclonal Antibody

Catalog No BYmab-00476 Isotype IgG Reactivity Human;Mouse Applications WB Gene Name RNF144B Protein Name E3 ubiquitin-protein ligase RNF144B Immunogen Synthesized peptide derived from the Internal region of human p53RFP. Specificity p53RFP Monoclonal Antibody detects endogenous levels of p53RFP protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity 290% Storage Stability -20°C/1 year Synonyms RNF144B; IBRDC2; P53RFP, E3 ubiquitin-protein ligase RNF144B; IBR domain-containing protein 2; RING finger protein 144B; p53-inducible RING finger protein Observed Band 35KD Cell Pathway Mitochondrion membrane; Single-pass membrane protein, Cytoplasm. Mostly cytosololic, accumulates in submitochondrial domains specifically upon apoptosis induction, in synchrony with BAX activation. Tissue Specificity Br		
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Protein Name E3 ubiquitin-protein ligase RNF144B Immunogen Synthesized peptide derived from the Internal region of human p53RFP. Specificity p53RFP Monoclonal Antibody detects endogenous levels of p53RFP protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, lgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RNF144B; IBRDC2; P53RFP; E3 ubiquitin-protein ligase RNF144B; IBR domain-containing protein 2; RING finger protein 144B; p53-inducible RING finger protein Observed Band 35kD Cell Pathway Mitochondrion membrane : Single-pass membrane protein . Cytoplasm . Mostly cytosololic, accumulates in submitochondrial domains specifically upon apoptosis induction, in synchrony with BAX activation. Tissue Specificity Broadly expressed, with lowest levels in brain and thymus, and highest levels detectable in heart, ovary and testis. Function caution:Lacks the His residue in the RING-type domain 2 that is one of the conserved features of the family, domain: The RING-type zinc finger domain mediates binding to an E2 ubiquitin-conjugating enzyme, function:E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzyme, function:E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzyme, function:E3 ubiquitin-conjugating enzyme, function-ted their degradation. Induces apoptosis via a TP53/p53-dependent but	Applications	WB
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	ubiquitination.,PTM:Auto-ubiquitinated.,similarity:Belongs to the RBR family. RNF144 subfamily.,similarity:Contains 1 IBR-type zinc finger.,similarity:Contains 2 RING-type zinc fingers.,subunit:Interacts with UBE2L3, UBE2L6 and LCMT2.,tissue specificity:Broadly expressed, with lowest levels in brain, spleen and thymu
Background	caution:Lacks the His residue in the RING-type domain 2 that is one of the conserved features of the family.,domain:The RING-type zinc finger domain mediates binding to an E2 ubiquitin-conjugating enzyme.,function:E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates such as LCMT2, thereby promoting their degradation. Induces apoptosis via a TP53/p53-dependent but caspase-independent mechanism.,pathway:Protein modification; protein ubiquitination.,PTM:Auto-ubiquitinated.,similarity:Belongs to the RBR family. RNF144 subfamily.,similarity:Contains 1 IBR-type zinc finger.,similarity:Contains 2 RING-type zinc fingers.,subunit:Interacts with UBE2L3, UBE2L6 and LCMT2.,tissue specificity:Broadly expressed, with lowest levels in brain, spleen and thymus.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using p53RFP Monoclonal Antibody

