



HERC5 Mouse mAb

Catalog No	YP-mAb-19228
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	HERC5 CEB1 CEBP1
Protein Name	E3 ISG15--protein ligase HERC5 (Cyclin-E-binding protein 1) (HECT domain and RCC1-like domain-containing protein 5)
Immunogen	Synthesized peptide derived from human HERC5
Specificity	This antibody detects endogenous levels of HERC5 at Human
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	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	113kD
Cell Pathway	Cytoplasm, perinuclear region . Associated with the polyribosomes, probably via the 60S subunit.
Tissue Specificity	Expressed in testis and to a lesser degree in brain, ovary and placenta. Found in most tissues at low levels.
Function	Major E3 ligase for ISG15 conjugation. Acts as a positive regulator of innate antiviral response in cells induced by interferon. Functions as part of the ISGylation machinery that recognizes target proteins in a broad and relatively non-specific manner. Catalyzes ISGylation of IRF3 which results in sustained activation, it attenuates IRF3-PIN1 interaction, which antagonizes IRF3 ubiquitination and degradation, and boosts the antiviral response. Catalyzes ISGylation of influenza A viral NS1 which attenuates virulence; ISGylated NS1 fails to form homodimers and thus to interact with its RNA targets. Catalyzes ISGylation of papillomavirus type 16 L1 protein which results in dominant-negative effect on virus infectivity. Physically associated with polyribosomes, broadly modifies newly synthesized proteins in a cotranslational manner. In an interferon-stimulated cell, newly translated viral proteins are primary targets of



ISG15.

Background**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.

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