



HJURP Monoclonal Antibody

Catalog No	YP-mAb-05070
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HJURP FAKTS FLEG1 URLC9
Immunogen	Synthesized peptide derived from human protein . at AA range: 80-160
Specificity	HJURP Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FAKTS;FLEG1;hFLEG1;HJURP;Up regulated in lung cancer 9;URLC9;HJURP FAKTS FLEG1 URLC9;Holliday junction recognition protein (14-3-3-associated AKT substrate) (Fetal liver-expressing gene 1 protein) (Up-regulated in lung cancer 9)
Observed Band	84 kDa
Calculated Molecular Weight	86 kDa
Cell Pathway	Nucleus, nucleolus. Chromosome, centromere. Localizes in centromeres during late telophase and early G1, when CENPA nucleosomes are assembled. Localizes to nucleolus during S phase, nucleolus site being often related to storage.
Tissue Specificity	According to PubMed:17256767, highly expressed in the thymus with lower levels in the placenta, small intestine, liver, skeletal muscle, and colon. According to PubMed:17823411, highly expressed in testis, and at a relatively lower level in thymus and bone marrow. Significantly overexpressed in many lung cancer samples, compared with normal lung.
Function	function:Centromeric protein that plays a central role in the incorporation and maintenance of histone H3-like variant CENPA at centromeres. Acts as a specific chaperone for CENPA and is required for the incorporation of newly



synthesized CENPA molecules into nucleosomes at replicated centromeres. Directly binds Holliday junctions.,sequence caution:Translated as Arg., subcellular location:Localizes in centromeres during late telophase and early G1, when CENPA nucleosomes are assembled. Localizes to nucleolus during S phase, nucleolus site being often related to storage.,subunit:Interacts with CENPA (via CATD domain); the interaction is direct and specific for CENPA since it does not interact with H3.1- or H3.3-containing nucleosomes. Interacts with 14-3-3 family members in a phosphorylation-dependent manner. Interacts with MSH5 and NBN.,tissue specificity:According to PubMed:17256767 high

Background

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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