

32-6077: Mouse Anti Human Eukaryotic Translation Initiation Factor 5A (Clone: PAT2E9AT.)

Clonality :	Monoclonal
Clone Name :	PAT2E9AT.
Application :	ELISA, WB, FACS
Gene :	EIF5A
Gene ID :	1984
Uniprot ID :	P63241
Format :	Purified
Alternative Name :	EIF-5A, EIF5A1, eIF5A1, MGC99547, MGC104255, EIF5A, Eukaryotic translation initiation factor 5A-1, eIF-5A-1, eIF-5A1, Eukaryotic initiation factor 5A isoform 1, eIF-4D, Rev-binding factor.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human EIF5A mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human EIF5A amino acids 1-154 purified from E. coli.

Description

EIF5A is the single protein identified to contain remarkable amino acid formed by the action of deoxyhypusine synthase and deoxyhypusine hydroxylase using spermidine as the substrate. EIF5A takes part in the first step of peptide bond formation in translation, nevertheless further experiments implicates it as a universally conserved translation elongation factor. Modulation of EIF5A is connected to proliferation and cancer. Expression of EIF-5A is upregulated in the PBMCs of HIV-1 patients. EIF5A coordinates significant cellular processes like cell viability and senescence during its effects on the stability of certain mRNAs. Heat stress-induced loss of EIF-5A in a human pancreatic cancer cell line. EIF5A stability takes part in determining the fate of the particular cell type after severe heat stress.

Product Info

Amount :	20 µg
Purification :	EIF5A antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

EIF5A antibody has been tested by ELISA, Western blot and Immunofluorescence analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis and Immunofluorescence is 1:250 ~ 500. Recommended starting dilution is 1:250.