



Anti-UPRT monoclonal antibody, clone 3E21 (DCABH-6775)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to UPRT
Antigen Description	This gene encodes uracil phosphoribosyltransferase, which catalyzes the conversion of uracil and 5-phosphoribosyl-1-R-diphosphate to uridine monophosphate (UMP). This reaction is an important part of nucleotide metabolism, specifically the pyrimidine salvage pathway. The enzyme localizes to the nucleus and cytoplasm. The protein is a potential target for rational design of drugs to treat parasitic infections and cancer.
Immunogen	Recombinant full length protein corresponding to Human UPRT aa 1-309. produced in HEK293T cell. Sequence: MATELQCPDSMPCHNQQVNSASTPSPEQLRPGDLILDHAGGNRASRAKVI LLTGYAHSSLPALDSGACG GSSLNSEGNSGSGDSSSYDAPAGNSFLE DCELSRQIGAQLKLLPMNDQIRELQTIIRDKTASRGDFMFSA DRLRL
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3E21
Purity	Protein G purified
Purification	Purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	ICC/IF, IHC-P, WB
Positive Control	HEK293T cells transfected with the pCMV6-ENTRY UPRT cDNA; Human pancreas,

endometrium and prostate tissues; Carcinoma of Human prostate tissue; COS7 cells transiently transfected by pCMV6-ENTRY UPRT.

Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
Preservative	0.02% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	UPRT uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	UPRT
Synonyms	UPRT; uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae); uracil phosphoribosyltransferase homolog; DKFZp781E1243; FUR1; MGC23937; RP11 311P8.3; UPRTase; UMP pyrophosphorylase; UPP; RP11-311P8.3;
Entrez Gene ID	139596
Protein Refseq	NP_659489
UniProt ID	A8KAF9
Chromosome Location	Xq13.3
Pathway	Metabolic pathways, organism-specific biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;