



Anti-eIF2A monoclonal antibody, clone FQS22152 (DCABH-4932)

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

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to eIF2A
Antigen Description	Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNAi to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNAi to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNAi to 40 S subunits in a GTP-dependent manner. May act by impinging the expression of specific proteins.
Immunogen	Synthetic peptide corresponding to residues in Human eIF2A (UniProt Q9BY44).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS22152
Conjugate	Unconjugated
Applications	WB, ICC/IF
Positive Control	Ramos, MOLT4, U87-MG and Raji cell lysates; Raji cells.
Format	Liquid
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Storage	Store at -20°C.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	EIF2A eukaryotic translation initiation factor 2A, 65kDa [Homo sapiens]
Official Symbol	EIF2A
Synonyms	EIF2A; eukaryotic translation initiation factor 2A, 65kDa; eukaryotic translation initiation factor 2A; EIF 2A; 65 kDa eukaryotic translation initiation factor 2A; CDA02; EIF-2A; MST089; MSTP004; MSTP089;
Entrez Gene ID	83939
Protein Refseq	NP_114414
UniProt ID	Q9BY44
Chromosome Location	3q25.1
Pathway	IL-6 Signaling Pathway, organism-specific biosystem; TGF-beta receptor signaling, organism-specific biosystem;
Function	ribosome binding; tRNA binding; translation initiation factor activity;
