

FPGS Rabbit mAb

Catalog No: #52291

Package Size: #52291-1 50ul #52291-2 100ul

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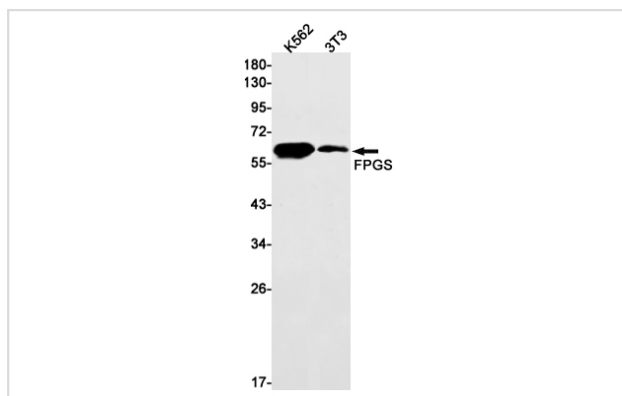
Description

Product Name	FPGS Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S06-6B1
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human FPGS
Conjugates	Unconjugated
Modification	Unmodification
Other Names	FPGS;Tetrahydrofolate synthase
Accession No.	Swiss-Prot:Q05932GeneID:2356
Uniprot	Q05932
GeneID	2356
Calculated MW	Calculated MW: 65 kDa; Observed MW: 65 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/2000-1/10000;

Images



Western blot detection of FPGS in K562,3T3 cell lysates using FPGS Rabbit mAb(1:1000 diluted).Predicted band size:65kDa.Observed band size:65kDa.

Background

Swiss-Prot Acc.Q05932.Catalyzes conversion of folates to polyglutamate derivatives allowing concentration of folate compounds in the cell and the intracellular retention of these cofactors, which are important substrates for most of the folate-dependent enzymes that are involved in one-carbon transfer reactions involved in purine, pyrimidine and amino acid synthesis. Unsubstituted reduced folates are the preferred substrates. Metabolizes methotrexate (MTX) to polyglutamates.

Note: This product is for in vitro research use only