

Anti-EIF2S1 antibody [2E4-F5-E7] (STJ99266)

STJ99266

GENERAL INFORMATION

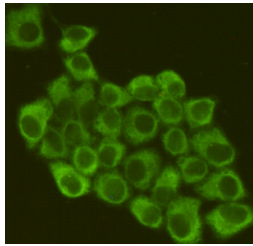
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Eukaryotic Translation Initiation Factor 2 Subunit 1 is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry and Immunoprecipitation research applications.
Applications	WB, IF, ICC, IP
Host/Source	Mouse
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

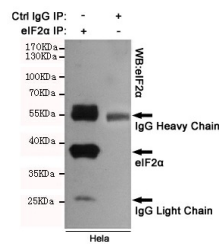
Clonality	Monoclonal
Clone ID	2E4-F5-E7
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution	WB 1:1000
Range	ICC 1:200
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2b
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

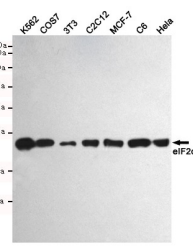
Gene ID	1965
Gene Symbol	EIF2S1
Uniprot ID	IF2A_HUMAN
Immunogen	Purified recombinant human eIF2 Alpha protein fragments expressed in E.coli.
Immunogen Region	
Specificity	EIF2S1 monoclonal antibody (Eukaryotic Translation Initiation Factor 2 Subunit 1) binds to endogenous Eukaryotic Translation Initiation Factor 2 Subunit 1.
Immunogen Sequence	



Immunofluorescent analysis of HeLa cells fixed by anhydrous methanol for 2 h at -20°C and using anti-eIF2 Alpha mouse mAb (dilution 1:200).



Immunoprecipitation analysis of HeLa cell lysates using eIF2 Alpha.



Western blot detection of eIF2 Alpha in K562, COS7, 3T3, C2C12, MCF-7, C6 and HeLa cell lysates using eIF2 Alpha mouse mAb (1:1000 dilution). Predicted band size: 38kDa. Observed band size: 38kDa.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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