

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

STJ99266

GENERAL INFORMATION

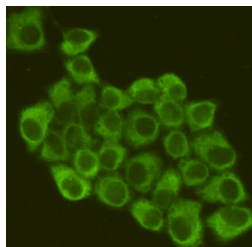
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Eukaryotic translation initiation factor 2 subunit 1 is suitable for use in Western Blot, Immunofluorescence and Immunoprecipitation research applications.
Applications	WB/IF/IP
Host/Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

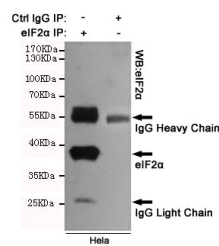
Clonality	Monoclonal
Clone ID	2E4-F5-E7
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution Range	WB 1:1000 ICC 1:200 IF 1:50-200
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2b
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

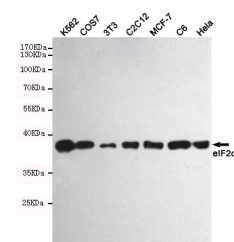
Gene ID	1965
Gene Symbol	EIF2S1
Uniprot ID	IF2A_HUMAN
Immunogen	Purified recombinant human eIF2 Alpha protein fragments expressed in E.coli.
Immunogen Region	
Specificity	This antibody detects endogenous levels of eIF2 Alpha and does not cross-react with related proteins.
Immunogen Sequence	



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 diluted). Predicted band size: 38kDa. Observed band size: 38kDa.