

小鼠抗 EIF2S1 单克隆抗体

中文名称： 小鼠抗 EIF2S1 单克隆抗体

英文名称： Anti-EIF2S1 mouse monoclonal antibody

别名： eukaryotic translation initiation factor 2 subunit alpha; EIF2; EIF-2; EIF2A; EIF-2A; EIF-2alpha

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： EIF2S1

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： Mouse Monoclonal

技术规格

Background:

The translation initiation factor EIF2 catalyzes the first regulated step of protein synthesis initiation, promoting the binding of the initiator tRNA to 40S ribosomal subunits. Binding occurs as a ternary complex of methionyl-tRNA, EIF2, and GTP. EIF2 is composed of 3 nonidentical subunits, the 36-kD EIF2-alpha subunit (EIF2S1), the 38-kD EIF2-beta subunit (EIF2S2; MIM 603908), and the 52-kD EIF2-gamma subunit (EIF2S3; MIM 300161). The rate of formation of the ternary complex is modulated by the phosphorylation state of EIF2-alpha (Ernst et al., 1987 [PubMed 2948954]).

Applications:	WB, IF, IP
Name of antibody:	EIF2S1
Immunogen:	Fusion protein of human EIF2S1
Full name:	eukaryotic translation initiation factor 2 subunit alpha
Synonyms:	EIF2; EIF-2; EIF2A; EIF-2A; EIF-2alpha
SwissProt:	P05198
WB Predicted band size:	36 kDa
WB Positive control:	K562, COS7, 3T3, C2C12, MCF-7, C6 and Hela cell lysates
WB Recommended dilution:	1000-5000
IF positive control:	Hela cells
IF Recommend dilution:	100-200





