



Mouse anti-Human eIF4G1 monoclonal antibody, clone 50/fJG-5γ (CABT-B9205)

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

PRODUCT INFORMATION

Immunogen	Human eIF-4γ aa. 1217-1386
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Dog
Clone	50/fJG-5γ
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IF; IP
Format	Liquid
Concentration	250 µg/ml
Size	50 µg
Buffer	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.
Storage	Store undiluted at -20°C.

BACKGROUND

Introduction	eIF-4 proteins are required for mRNA recognition and acceleration of translation during protein
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synthesis. This group of proteins consists of the RNA helicase, eIF-4A; the RNA-binding protein, eIF-4B; and the cap binding proteins, eIF-4E and eIF-4 γ . eIF-4 γ , also referred to as p220, is a 1396 amino acid polypeptide that migrates as a 220kDa. eIF-4 γ has several potential glycosylation and phosphorylation sites that could account for its anomalous electrophoretic mobility. In addition, eIF-4 γ is rapidly degraded in picornavirus-infected cells due to its content of multiple PEST sequences.

Keywords	EIF4G1; eukaryotic translation initiation factor 4 gamma, 1; P220; EIF4F; EIF4G; EIF4GI; PARK18; EIF-4G1; eukaryotic translation initiation factor 4 gamma 1; EIF4-gamma; eIF-4-gamma 1; eucaryotic translation initiation factor 4G;
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GENE INFORMATION

Entrez Gene ID [1981](#)

UniProt ID [B2RU06](#)