# eIF4E (Ab-209) Conjugated Antibody

Catalog No: #C21226

Package Size: #C21226-AF350 100ul #C21226-AF405 100ul #C21226-AF488 100ul #C21226-AF555 100ul #C21226-AF594 100ul #C21226-AF647 100ul #C21226-AF680 100ul #C21226-AF750 100ul #C21226-Biotin 100ul

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## Description

| | |
|---|---|
| Product Name | eIF4E (Ab-209) Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of total eIF4E protein. |
| Immunogen Description | Peptide sequence around aa. 207~211 (S-G-S-T-T) derived from Human eIF4E. |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | mRNA cap-binding protein; eIF-4F 25 kDa subunit |
| Accession No. | Swiss-Prot#:P06730NCBI Gene ID:1977NCBI mRNA#:NM_001130678.1 NCBI Protein#:NP_001124150.1 |
| Uniprot | P06730 |
| GeneID | 1977; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW | 25 |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures.

Note: This product is for in vitro research use only