Recombinant eIF3G Monoclonal Antibody

Description

This Recombinant eIF3G Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	RMEA1594
Contents:	Recombinant eIF3G Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C111594
Applications:	WB, IHC, IF, FCM
Reactivity:	Human, Mouse, Rat

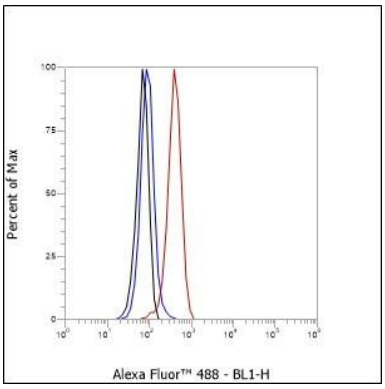
Antibody Data

Uniprot ID:	O75821
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

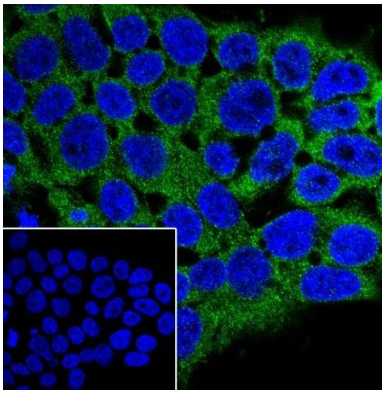
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	WB 1:1000-1:2000, IHC 1:50-1:100, IF 1:50-1:100, FCM 1:50
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

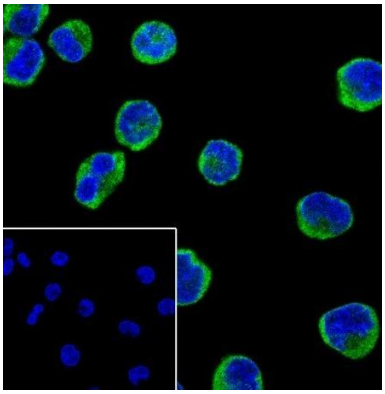
Validation Data



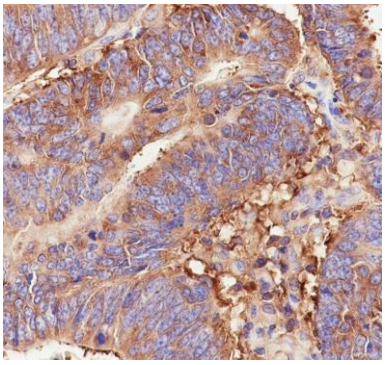
Flow cytometric analysis of human eIF3G expression on K-562 cells. Cells were stained with purified anti-Human eIF3G, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



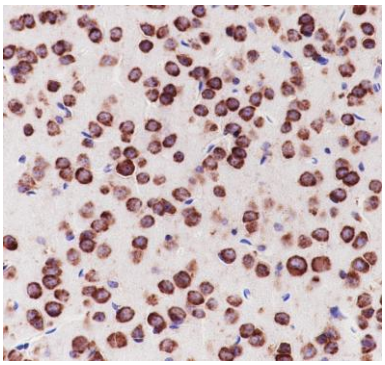
Immunofluorescent analysis of (4% Paraformaldehyde) fixed 293T cells using anti-eIF3G Monoclonal Antibody at dilution of 1:100.



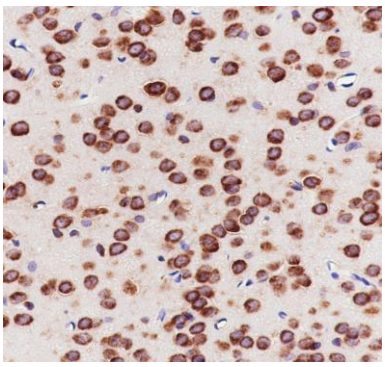
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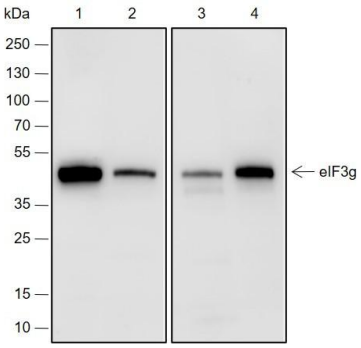
Immunohistochemistry of paraffin-embedded Human colon cancer using eIF3G Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Mouse cerebrum using eIF3G Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Rat cerebrum using eIF3G Monoclonal Antibody at dilution of 1:100.



Western Blot with eIF3G Monoclonal Antibody at dilution of 1:2000. Lane 1: K562, Lane 2: 293T, Lane 3: NIH-3T3, Lane 4: PC-12 Observed-MW:40 kDa Calculated-MW:36 kDa

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.