

Anti-EIF4E antibody [5D11] (STJ98016)

STJ98016

GENERAL INFORMATION

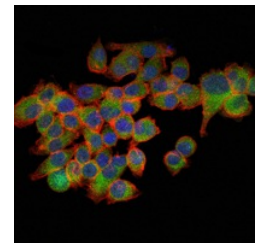
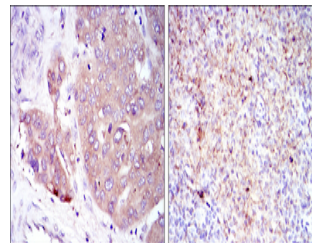
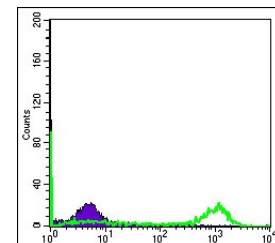
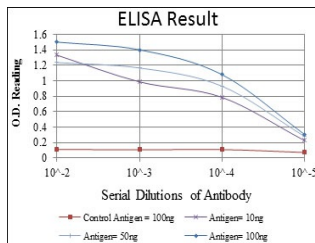
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Eukaryotic Translation Initiation Factor 4e is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	5D11
Concentration	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
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	1977
Gene Symbol	EIF4E
Uniprot ID	IF4E_HUMAN
Immunogen	Purified recombinant fragment of human eIF4E expressed in E.coli.
Immunogen Region	
Specificity	EIF4E monoclonal antibody (Eukaryotic Translation Initiation Factor 4e) binds to endogenous Eukaryotic Translation Initiation Factor 4e.
Immunogen Sequence	



Flow cytometric analysis of HeLa cells using eIF4E monoclonal antibody (green) and negative control (purple).

Immunohistochemistry analysis of paraffin-embedded liver cancer (left) and submaxillary tumor (right) with DAB staining using eIF4E monoclonal antibody.

Immunofluorescence analysis of GC-7901 cells using eIF4E monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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