For Research Use Only

EFTUD2 Monoclonal antibody

Catalog Number:67855-1-Ig Featured Product 1 Publications

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Basic Information

Catalog Number:
67855-1-Ig

Size:
150ul , Concentration: 1000 µg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG24345

GenBank Accession Number:
BC002360

GeneID (NCBI):
9343

UNIPROT ID:
Q15029

Full Name:
elongation factor Tu GTP binding domain containing 2

Calculated MW:
116 kDa

Observed MW:
109-120 kDa

Purification Method:
Protein G purification

CloneNo.:
2F4G2

Recommended Dilutions:
WB 1:5000-1:50000
IHC 1:500-1:2000
IF/ICC 1:400-1:1600

Applications

Tested Applications:
WB, IF, IHC, ELISA

Cited Applications:
WB

Species Specificity:
Human, mouse, rat

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, RAW 264.7 cells

IHC : human liver cancer tissue, human colon cancer tissue

IF/ICC : HeLa cells,

Notable Publications

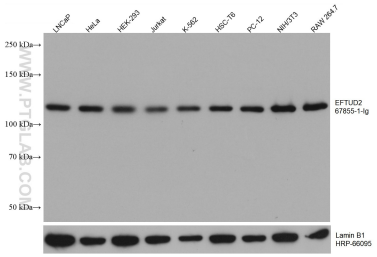
Author	Pubmed ID	Journal	Application
Xiaojian Zhu	38163859	J Exp Clin Cancer Res	WB

Storage

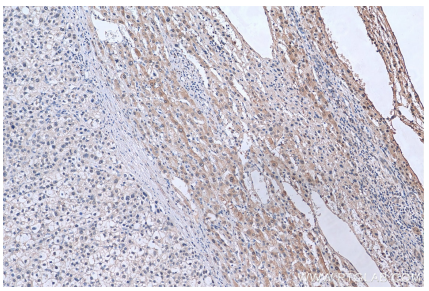
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

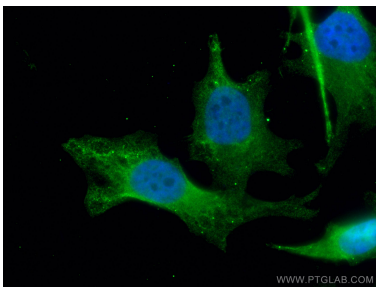
Selected Validation Data



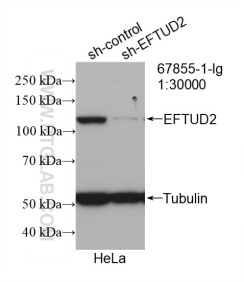
Various lysates were subjected to SDS PAGE followed by western blot with 67855-1-Ig (EFTUD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67855-1-Ig (EFTUD2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using EFTUD2 antibody (67855-1-Ig, Clone: 2F4G2) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of EFTUD2 antibody (67855-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-EFTUD2 transfected HeLa cells.