

Eftud2 Antibody

Catalog No: #48121



Package Size: #48121-1 50ul #48121-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

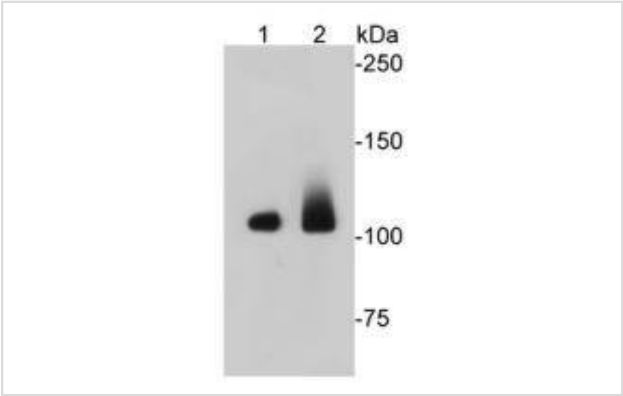
Description

Product Name	Eftud2 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	1-D10-A1
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu,Ms,Rt
Immunogen Description	peptide
Other Names	116 kDa antibody 116 kDa U5 small nuclear ribonucleoprotein component antibody EFTUD2 antibody Elongation factor Tu GTP binding domain containing 2 antibody Elongation factor Tu GTP-binding domain-containing protein 2 antibody hSNU114 antibody MFDGA antibody MFDM antibody SNRNP116 antibody Snrp116 antibody Snu114 antibody SNU114 homolog antibody U5 116KD antibody U5 small nuclear ribonucleoprotein component antibody U5 snRNP specific protein, 116 kD antibody U5 snRNP specific protein, 116 kDa antibody U5 snRNP-specific protein antibody U5-116 kDa antibody U5-116KD antibody U5S1_HUMAN antibody
Accession No.	Swiss-Prot#:O08810
Uniprot	O08810
GeneID	20624;
Calculated MW	116 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

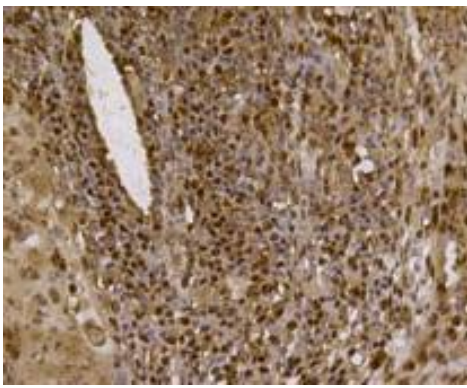
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC: 1:50-1:100

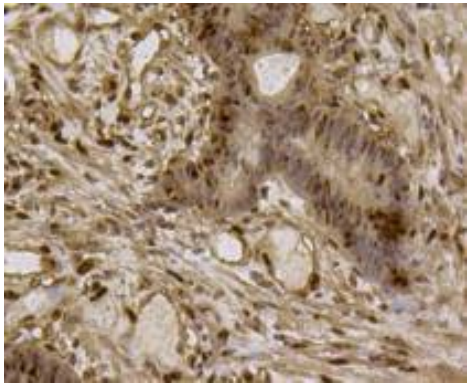
Images



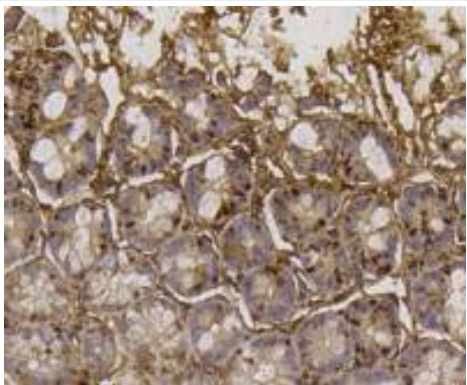
Western blot analysis on different cell lysates using anti-EFTUD2 Mouse mAb. Positive control:  
Lane 1: Jurkat  
Lane 2: NIH/3T3



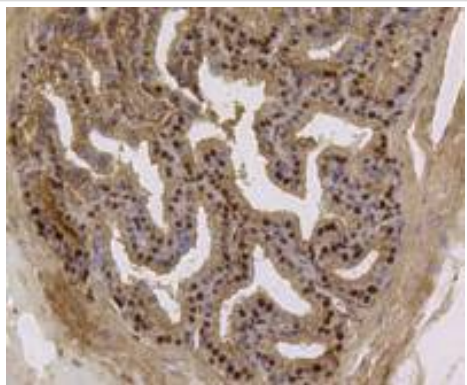
Immunohistochemical analysis of paraffin- embedded human lung cancer tissue using anti-EFTUD2 Mouse mAb.



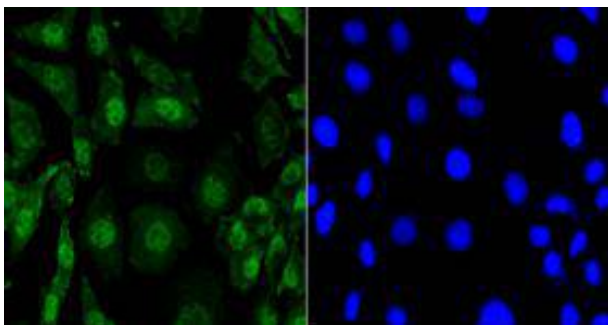
Immunohistochemical analysis of paraffin- embedded human colon cancer tissue using anti-EFTUD2 Mouse mAb.



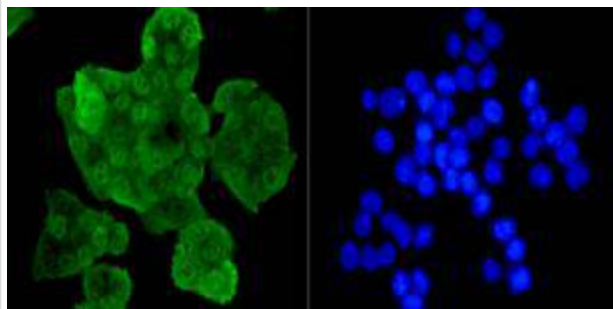
Immunohistochemical analysis of paraffin- embedded mouse colon tissue using anti-EFTUD2 Mouse mAb.



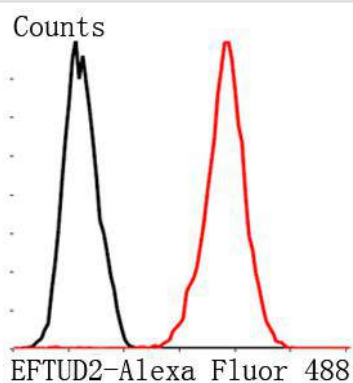
Immunohistochemical analysis of paraffin- embedded mouse prostate tissue using anti-EFTUD2 Mouse mAb.



Immunocytochemical staining of SH-SY-5Y cells using anti-EFTUD2 Mouse mAb



Immunocytochemical staining of SW480 cells using anti-EFTUD2 Mouse mAb.



Flow cytometric analysis of MCF-7 cells with EFTUD2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Goat anti mouse IgG (FITC) was used as the secondary antibody.

## Background

Spliceosomes are multi-protein complexes that are composed of snRNPs (small nuclear ribonucleoproteins) and a variety of associated protein factors, all of which work in concert to regulate the splicing of pre-mRNA. Snrp116, also known as EFTUD2 (elongation factor Tu GTP binding domain containing 2) or Snu114, is a 972 amino acid protein that localizes to the nucleus and belongs to the GTP-binding elongation factor family. Existing as a component of the multi-protein U5 snRNP spliceosome complex, Snrp116 plays an important role in pre-mRNA splicing, as well as in the recycling of spliceosomal snRNPs. The gene encoding Snrp116 maps to human chromosome 17, which comprises over 2.5% of the human genome and encodes over 1,200 genes.

## References

Note: This product is for in vitro research use only