For Research Use Only

UBE2S Recombinant monoclonal antibody

Catalog Number:81854-1-RR

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
81854-1-RR

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG5264

GenBank Accession Number:
BC066948

GeneID (NCBI):
27338

UNIPROT ID:
Q16763

Full Name:
ubiquitin-conjugating enzyme E2S

Calculated MW:
222 aa, 24 kDa

Observed MW:
28 kDa

Purification Method:
Protein A purification

CloneNo.:
6D18

Recommended Dilutions:
WB: 1:5000-1:50000
IF/ICC: 1:50-1:500

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HeLa cells, C6 cells, HEK-293 cells, MCF-7 cells, HepG2 cells, K-562 cells, NIH/3T3 cells

IF/ICC : NCCIT cells,

Background Information

UBE2S(Ubiquitin-conjugating enzyme E2 S) is also named as E2EPF and belongs to the ubiquitin-conjugating enzyme family. It acts as an essential factor of the anaphase promoting complex/cyclosome (APC/C) and a cell cycle-regulated ubiquitin ligase that controls progression through mitosis. Overexpression of UBE2S can increase tumor cell proliferation, invasion, and metastasis through the VHL-HIF pathway (PMID:16819549).

Storage

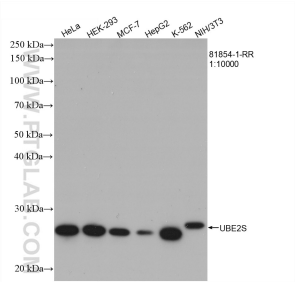
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

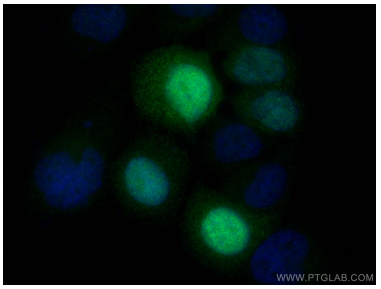
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

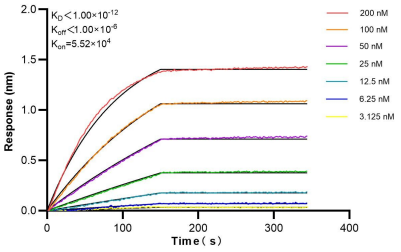
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81854-1-RR (UBE2S antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed NCCIT cells using UBE2S antibody (81854-1-RR, Clone: 6D18) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Biolayer interferometry (BLI) kinetic assays of 81854-1-RR against Human UBE2S were performed. The affinity constant is below 1 pM.