

RPS20 Rabbit mAb

Catalog No: #49001

Package Size: #49001-1 50ul #49001-2 100ul

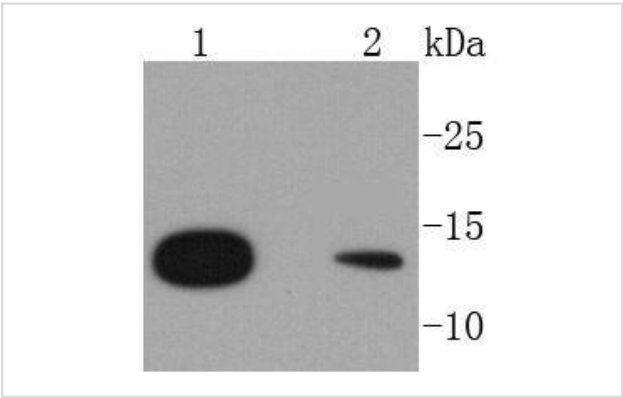
Description

Product Name	RPS20 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SC65-08
Purification	ProA affinity purified
Applications	WB, ICC, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	40S ribosomal protein S20 antibody Ribosomal protein S20 antibody RPS 20 antibody RpS20 antibody RS20_HUMAN antibody S20 antibody
Accession No.	Swiss-Prot#:P60866
Calculated MW	13 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

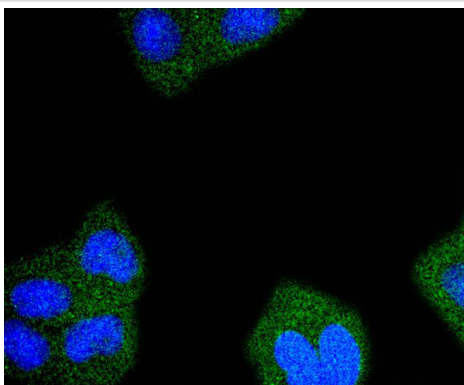
Application Details

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

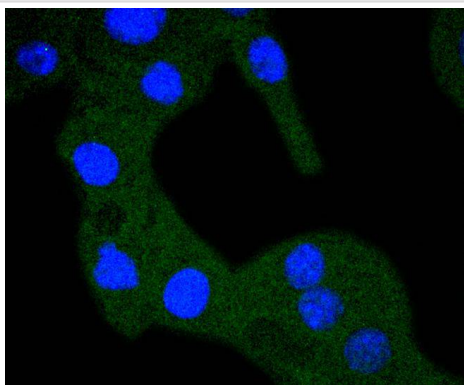
Images



Western blot analysis of RPS20 on different lysates using anti-RPS20 antibody at 1/1,000 dilution. Positive control:
Lane 1: HeLa Lane 2: A431



ICC staining RPS20 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining RPS20 in B16-F1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Mammalian ribosomal proteins are encoded by multigene families that consist of processed pseudogenes and one functional intron-containing gene within their coding regions. Ribosomal Protein S20, also known as RPS20, is a 119 amino acid cytoplasmic protein that is a component of the 40S ribosomal subunit. Co-transcribed with the small nucleolar RNA gene U54, Ribosomal Protein S20 is a primary binding protein (it binds independently to its target protein) that interacts with both the 5 and 3 minor domains of 16S ribosomal RNA (rRNA). Through its interactions with 16S rRNA, Ribosomal Protein S20 is thought to play a key role in nucleating the assembly of the 30S ribosomal subunit. Like most ribosomal protein-coding genes, the gene encoding Ribosomal Protein S20 is dispersed throughout the genome and exists as multiple processed pseudogenes.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.