

CoraLite® Plus 488-conjugated SMARCD1 Monoclonal antibody

Catalog Number: **CL488-66116**

Basic Information

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|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Catalog Number: CL488-66116 | GenBank Accession Number: BC009368 | Purification Method: Protein G purification |
| Size: 1000 µg/ml | GeneID (NCBI): 6602 | CloneNo.: 2F2G6 |
| Source: Mouse | UNIPROT ID: Q96GM5 | Recommended Dilutions: WB 1:500-1:1000 |
| Isotype: IgG1 | Full Name: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1 | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Immunogen Catalog Number: AG19100 | Calculated MW: 58 kDa | |
| | Observed MW: 58 kDa | |

Applications

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|--------------------------------------|-------------------------------------------------|
| Tested Applications: WB | Positive Controls: WB : Jurkat cells, |
| Species Specificity: human | |

Background Information

SMARCD1 (SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1), also known as BAF60a (BRG1-associated factor 60A), Rsc6p or CRACD1, is a 476 amino acid protein that localizes to the nucleus and contains one SWIB domain. Expressed ubiquitously with notable expression in liver, brain, muscle, lung, kidney, pancreas and placenta, SMARCD1 functions as a component of the BAF complex and, in conjunction with a variety of other proteins, plays an essential role in chromatin remodeling. In addition, SMARCD1 influences vitamin D-mediated transcriptional activity and is thought to provide a link between the vitamin D receptor (VDR) and SWI/SNF chromatin remodeling complexes. Multiple isoforms of BAF60a exist due to alternative splicing events.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

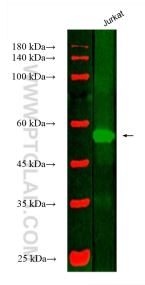
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-66116 (SMARCD1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.