AE059

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Affinity Gel-conjugated Mouse anti HA-Tag mAb

Catalog No.: AE059 1 Publications

Basic Information

Observed MW
Refer to Figures/60kDa

Calculated MW

Category
SMab Recombinant Monoclonal Antibody

Applications
IP,ELISA

Cross-Reactivity
Species independent

CloneNo number
AMC0517

Conjugate
Affinity Gel

Background

Protein tags are peptide sequences genetically grafted onto a recombinant protein. Often these tags are removable by chemical agents or by enzymatic means, such as proteolysis or intein splicing. Tags are attached to proteins for various purposes.Epitope tags are short peptide sequences which are chosen because high-affinity antibodies can be reliably produced in many different species. These are usually derived from viral genes, which explain their high immunoreactivity. Epitope tags include V5-tag, Myc-tag, HA-tag and NE-tag. These tags are particularly useful for western blotting, immunofluorescence and immunoprecipitation experiments, although they also find use in antibody purification.

Recommended Dilutions

Binding Cap	1.5 mg HA protein/mL
IP	20μl-40μl Affinity Gel for 100μg-300μg extracts of whole cells

Immunogen Information

Gene ID

Swiss Prot

Immunogen
A synthetic peptide corresponding to HA tag.

Synonyms
HA;HA tag;HA-tag

Contact

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Product Information

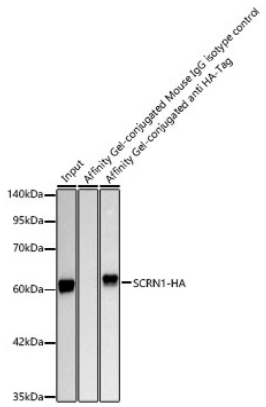
Source
Mouse

Isotype
IgG1,Kappa

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Immunoprecipitation of SCRN1-HA from 300 µg extracts of 293T cells transfected with a SCRN1 expression vector containing a single N-terminal HA-Tag was performed using 30 µl of Affinity Gel-conjugated Mouse anti HA-Tag mAb (AE059). Affinity Gel-conjugated Mouse Control IgG pAb was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10 % of the total input.Western blot analysis of immunoprecipitates was conducted using Mouse anti HA-Tag mAb (AE065) at a dilution of 1:2000.