

Agarose Beads-conjugated Mouse anti V5-Tag mAb

Catalog No.: AE029

Basic Information

Observed MW

27 kDa

Calculated MW

Category

Tag antibody

Applications

IΡ

Cross-Reactivity

Species independent

CloneNo number

AMC0514

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

ΙP

20-40ul antibody for 200ug-400ug extracts of whole cells

Immunogen Information

Gene ID

Swiss Prot

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

V5;V5 tag;V5-tag

Contact

6		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

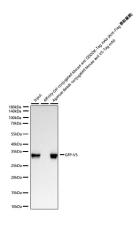
Product Information

SourceIsotypePurificationMouseIgG1,KappaAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunoprecipitation of GFP-V5 from 300 μ g extracts of 293F cells transfected with a GFP expression vector containing a single N-terminal V5-Tag was performed using 20 μ l of Agarose Beads-conjugated Mouse anti V5-Tag mAb (AE029). Affinity Gel-conjugated Mouse anti DDDDK-Tag mAb 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 Rabbit anti V5-Tag mAb (AE101) at a dilution of 1:10000.