

Agarose beads-conjugated anti-Myc VHH Single Domain antibody

Catalog No.: AE106

Basic Information

Observed MW

60kDa

Calculated MW

Category

Tag antibody

Applications

IP

Cross-Reactivity

Species independent

Conjugate

Agarose Beads

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

IP 30ul antibody (bead slurry) for 200µg-400µg extracts of whole cells

Immunogen Information

Gene ID

Swiss Prot

Immunogen

A synthetic peptide corresponding to Myc tag.

Synonyms

Contact

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Product Information

Source

Alpaca

Isotype

VHH

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.
Buffer: 0.03% NaN₃, 20% ethanol.

Validation Data

Immunoprecipitation of Myc-Tag in 300 µg extracts from 293T cells transfected with NLK expression vector containing Myc-tag with 30 µL Anti-Myc (Nanobody) Agarose Beads (AE106). Western blot analysis was performed using Myc-Tag Rabbit mAb (AE070) at 1:10000 dilution.

