

Agarose beads-conjugated anti-mCherry VHH Single Domain antibody

Catalog No.: AE073 **1 Publications**

Basic Information

Observed MW

26kDa/26KD/26KD

Calculated MW

Category

Tag antibody

Applications

IP,ChIP,CoIP

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
ChIP	500 µL (20 reactions)
CoIP	500 µL (20 reactions)

Immunogen Information

Gene ID

Swiss Prot

Immunogen

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

Synonyms

mCherry;mCherry tag;mCherry-tag

Contact

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Product Information

Source

Alpaca

Isotype

VHH

Purification

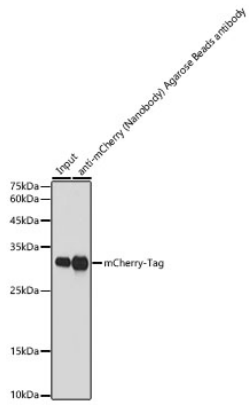
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 25% glycerol, pH7.3

Validation Data



Immunoprecipitation analysis of 300 μ g extracts from 293T cells transfected with mCherry-tag, using 30 μ l Agarose beads Anti-mCherry VHH Single Domain antibody (AE073). Western blot analysis was performed using Anti-mCherry-tag antibody (AE171) at 1:5000 dilution.