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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,CoIP,ChIP

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

Immunogen Information

Gene ID

Swiss Prot

Immunogen
Recombinant protein of mCherry.

Synonyms
mCherry;mCherry tag;mCherry-tag

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

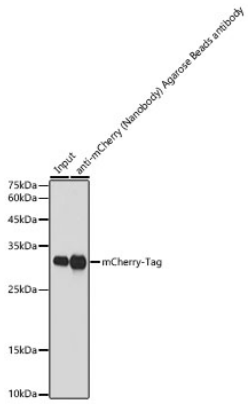
Source
Alpaca

Isotype
VHH

Purification
Affinity purification

Storage
Store at 4℃. Avoid freeze / thaw cycles.
Buffer: 0.03% sodium azide,20% ethanol

Validation Data



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