

AE073

Leader in Biomolecular Solutions for Life Science



# 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 & Loading Control

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

## Immunogen Information

Gene ID	Swiss Prot
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### Immunogen

Recombinant protein of mCherry.

### Synonyms

mCherry;mCherry tag;mCherry-tag

## Contact



[www.abclonal.com](http://www.abclonal.com)

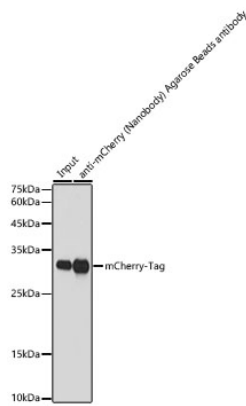
## Product Information

Source	Isotype	Purification
Alpaca	VHH	Affinity purification

### Storage

Store at 4°C. 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.