

Rabbit anti-Discosoma mCherry-Tag Monoclonal Antibody | anti-mCherry antibody

Rabbit anti mCherry-Tag mAb

CATALOG # AAA283344	HOST Rabbit	REACTIVITY Discosoma	APPLICATIONS ELISA, Immunoprecipitation, Western Blot
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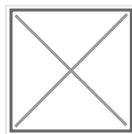
PRODUCT SYNONYMS

mCherry-Tag; Monoclonal Antibody; Rabbit anti mCherry-Tag mAb; mCherry; mCherry tag; mCherry-tag; anti-mCherry antibody

PRODUCT SPECIFICATIONS

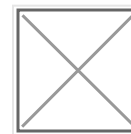
Host	Rabbit
Reactivity	Discosoma
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MVSKGEEDNM AIIKEFMRFK VHMEGSVNGH EFEIEGEGEG RPYEGTQTAK LKVTGGGPLP FAWDILSPQF MYGSKAYVKH PADIPDYKL SFPEGFKWER VMNFEDGGVV TVTQDSSLQD GEFIYKVKLR GTNFPSDGPV MQKKTMGWEA SSERMYPEDG ALKGEIKQRL KLDGGHYDA EVKTTYKAKK PVQLPGAYNV NIKLDITSHN EDYTIVEQYE RAEGRHSTGG MDELYK
Applicable Applications for anti-mCherry antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Species independent
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-236 of Discosoma MCherry fluorescent proteinm.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation of CT55-mCherry from 300 ug extracts of 293F cells transfected with a CT55 expression vector containing a single C-terminal mCherry-Tag was performed using 3 ug of mCherry-Tag Rabbit mAb (AAA283344). Rabbit IgG isotype control (AC042) 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 mCherry-Tag Rabbit mAb (AAA283344) at a dilution of 1:6000.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and 293F cells transfected with mCherry using Rabbit anti mCherry-Tag mAb (AAA283344) at 1:20000 dilution incubated overnight at 4?. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 20 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-mCherry antibody	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.
Product Categories/Family for anti-mCherry antibody	Tag Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	Observed MW: 33kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mcherry-tag-antibody-immunoprecipitation-western-blot-elisa/283344>