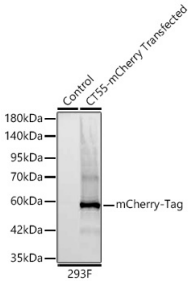
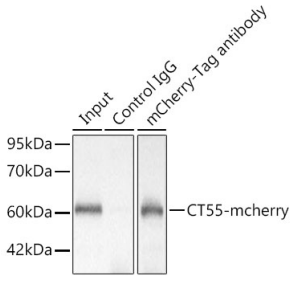
Product Data Sheet:
Rabbit anti mCherry-Tag Monoclonal Antibody

Cat. No:	MAB-94804
Conjugate:	Unconjugated
Size:	100 ug
Clone:	125C
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-236 of Discosoma MCherry fluorescent proteinm.
Reactivity:	Species independent
Applications:	Western Blot: 1:2000 – 1:10000 Immunoprecipitation:0.5μg-4μg antibody for 200μg-600μg extracts of whole cellss
Molecular Weight:	55kDa
Purification:	Affinity purification
Synonyms:	mCherry; mCherry tag; mCherry-tag
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 NEtag. These tags are particularly useful for western blotting, immunofluorescence and immunoprecipitation experiments, although they also find use in antibody purification.
Form:	Liquid
Buffer:	PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.
Storage:	Storage Store at -20℃. Avoid freeze / thaw cycles.



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with CT55-mCherry-Tag using mCherry-Tag Rabbit mAb at 1:6800 dilution incubated overnight at 4℃.



Immunoprecipitation of CT55-mCherry from 300 μg extracts of 293F cells transfected with a CT55 expression vector containing a single C-terminal mCherry-Tag was performed using 3 μg of mCherry-Tag Rabbit mAb. Rabbit IgG

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL West Pico Plus.
.Exposure time: 20s.

isotype control 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 at a dilution of 1:6000.