



mCherry tag Mouse Monoclonal Antibody

Cat. Number: UM3017
For Research Only

Description:

Synonyms:	mCherry tag
Immunogen:	Full-length mCherry protein
Specificity:	All specials
Host Species:	mouse
Ig Isotype:	Mouse IgG1
Purification:	Protein A or G purified
Applications:	WB (1: 1000-1: 10000)
Band size:	NA

Formulation and Storage:

Formulation:	Liquid
Storage:	-20°C or lower

Background:

mCherry is derived from proteins originally isolated from Cnidarians (jellyfish, sea anemones and corals), and is used as a fluorescent tracer in transfection and transgenic experiments. The prototype for these fluorescent proteins is Green Fluorescent Protein (GFP), which is a ~27kDa protein isolated originally from the jellyfish *Aequoria victoria*. The mCherry protein is derived from DsRed, a red fluorescent protein related to GFP isolated from so-called disc corals of the genus *Discosoma*.