

# ATAD2 Recombinant Mouse Monoclonal Antibody, Biotin

Catalog Number730066

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Mouse / IgG1	Tested Applications	
Class	Recombinant Monoclonal	Immunoprecipitation (IP)	Dilution * 2 µg
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	981-1108 of 1390 of ATAD2 Protein.		
Conjugate	Biotin		
Form	Liquid		
Concentration	0.5 mg/mL		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C		

## Product specific information

Recombinant antibodies are produced using specific genes that code for the desired antibodies. These genes are cloned into an expression vector and expressed in vitro. The advantages of recombinant antibodies include: better specificity, animal origin-free formulation, and more lot-to-lot consistency.

## Background/Target Information

ATAD2 is a member of the ATPase family of proteins. Members of this family share a conserved region of around 220 amino acids that contain an ATP-binding site. They also contain one or two AAA (ATPases Associated with Diverse Cellular Activities) domains. ATPase family proteins perform chaperone-like functions that assist in assembly, operation, and disassembly of protein complexes. Involved in the estrogen-induced cell proliferation and cell cycle progression of breast cancer cells.

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