

Product datasheet for **AM11011SU-N**

6xHistidine Epitope Tag (HHHHHH) Mouse Monoclonal Antibody [Clone ID: 6AT18]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6AT18
Applications:	WB
Recommended Dilution:	Peptide ELISA: 1/5,000. Western blotting: 1/1,000.
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant HIS-tagged fusion protein and poly-HIS peptide were used to produced this monoclonal antibody.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Ascites State: Ascites.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Epitope tags consisting of short sequences recognized by well-characterized monoclonal antibodies have been widely used in the study of protein expression in various systems. The 6xHIS tag (HHHHHH), recognized by the monoclonal antibody clone 6AT18 provides an established example of this application. 6xHIS-tagged fusion proteins are easily purified from cell lysates by affinity chromatography using Nickel-Sepharose resin. Anti-6xHIS monoclonal antibody provides a simple solution to detect the expression of HIS-tagged fusion proteins in cells.



[View online »](#)

Product images:



Figure 1. HIS-tagged recombinant protein was expressed in E. Coli, and used to test the 6xHIS monoclonal antibody (6AT18).