Anti-T7 Tag Mouse Monoclonal Antibody (6D4)

Cat #: ABT2150   Size: 50µl /200µl /200µl×5

Product Information

	Product Name: Anti-T7 Tag Mouse Monoclonal Antibody (6D4)		
	Applications: WB		**Isotype:** Mouse IgG
	Reactivity: All Species Expected		
REF	**Catalog Number:** ABT2150	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.	⚠	**Note:** Contain sodium azide.

Background: T7 tag is an epitope tag composed of an 11-residue peptide encoded from the leader sequence of the T7 bacteriophage gene10, which encodes a T7 major capsid protein. The T7 tag is commonly engineered onto the N- or C-terminus of a protein of interest so that the tagged protein can be analyzed and visualized using immunochemical methods. The T7 tag has been used extensively as a general epitope tag in many expression vectors including the pET system that is based on T7 RNA polymerase expression systems.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:5000).

Storage Buffer: Liquid in PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.
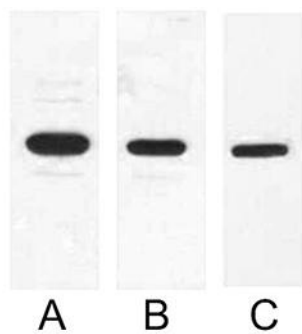
Fig. Western blot analysis of 0.5ug T7 Tag fusion protein with Anti-T7 Tag monoclonal antibody in 1:1000 (lane A), 1:2000 (lane B), 1:5000 (lane C) dilutions.

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