

Anti-T7 tag Antibody (6I685)

Product Details

Ig Type:	IgG
Reactivity:	Species independent
Molecular Weight:	Actual: 45 kDa.
Clone:	6I685
Purification:	Protein G purified

Applications

Sample:	Lane 1: T7-Tagged Fusion Protein Overexpression E. Coli Lysate at 2 ug Lane 2: T7-Tagged Fusion Protein Overexpression E. Coli Lysate at 2 ug
Verified Activity:	Primary: Anti-T7-Tag (TMAB-13349) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 41 kD Observed band size: 45 kD
Application:	ELISA,FCM,ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	ELISA=1:1000-5000; FCM=1 µg/Test; ICC/IF=1:100-500; IF=1:200-1000; IHC-Fr=1:200-1000; IHC-P=1:200-1000; WB=1:1000-5000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: T7-tag
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Research Background

The T7 tag is an 11 amino acid peptide encoded in the leader sequence of T7 bacteriophage gene10. This gene encodes a T7 major capsid protein whose function is not clear. The T7 tag serves as a tag in many expression vectors including the pET system that is based on the very efficient T7 RNA polymerase expression system. Monoclonal antibodies specific for T7 tag are an important tool for studying expression of recombinant T7-tagged proteins.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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