

Anti-Nano-Tag (9) Antibody (7R708)

Product Details

Ig Type:	IgG
Reactivity:	Species independent
Molecular Weight:	Actual: 51 kDa.
Clone:	7R708
Purification:	Protein G purified

Applications

Sample:	Lane 1: Nano-Tagged Fusion Protein Overexpression E. Coli Lysate at 2 µg Lane 2: Nano-Tagged Fusion Protein Overexpression E. Coli Lysate at 4 µg
Verified Activity:	Primary: Anti-Nano-Tag (9) (TMAB-09227) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 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=1:1000-10000

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: Nano-Tag (9)
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Research Background

Well-characterized antibodies for epitope tags consisting of short sequences are widely used in the study of protein expression in various systems. The Nano-tag is a new streptavidin-binding peptide for both the purification and the detection of Nano-tagged proteins. This peptide possesses nanomolar-affinity for streptavidin and therefore is termed Nano-tag. The nano-tags have two types, Nano-tag15 (MDVEAWLGARVPLVET) and Nano-tag9 (MDVEAWLGAR), which bind to streptavidin with dissociation constants of 4 nM and 17 nM, respectively.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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