

# Immunotag™ Nano-Tag Monoclonal Antibody(4B7)

Antibody Specification	
Catalog No.	ITM3499
Product Description	Immunotag™ Nano-Tag Monoclonal Antibody(4B7)
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Nano-Tag (4C1)
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB
Recommended Dilution	WB: 1:2000-5000
Concentration	1 mg/ml
Reactive Species	ALL
Host Species	Mouse
Immunogen	Synthetic Peptide of Nano-Tag
Specificity	The antibody detects the protein which have Nano-Tag
Purification	The antibody was affinity-purified from-Tag mouse ascyes by affinity-chromatography using specific immunogen.

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Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Description	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.
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.