

# Product Datasheet

## Alkaline Phosphatase, Tissue Non-Specific Antibody (W8B2B10) - BSA Free NBP3-09106

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-09106**

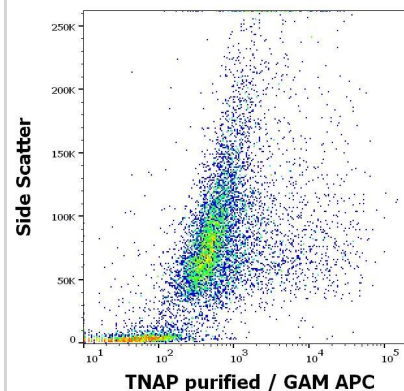
Alkaline Phosphatase, Tissue Non-Specific Antibody (W8B2B10) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	W8B2B10
<b>Preservative</b>	15mM Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Alkaline Phosphatase, Tissue Non-Specific Antibody (W8B2B10) - BSA Free (NBP3-09106) is a monoclonal antibody validated for use in Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	249
<b>Gene Symbol</b>	ALPL
<b>Species</b>	Human, Porcine, Canine, Goat, Monkey, Sheep
<b>Specificity/Sensitivity</b>	The mouse monoclonal antibody W8B2B10 recognizes TNAP (tissue non-specific alkaline phosphatase), an ectoenzyme expressed mainly on embryonic stem cells, liver, bone, and kidney cells. This antibody is suitable for characterization of bone marrow-derived MSCs, iPSCs, and ESCs.
<b>Immunogen</b>	WERI-RB-1 retinoblastoma cell line
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry 1-4 ug/ml, Immunocytochemistry/ Immunofluorescence

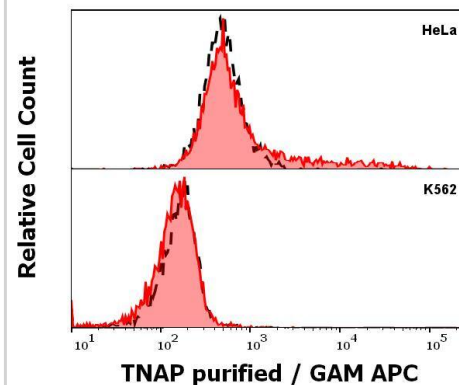


## Images

Flow Cytometry: Mouse Monoclonal Alkaline Phosphatase, Tissue Non-Specific Antibody (W8B2B10) [NBP3-09106] - Flow cytometry surface staining pattern of human peripheral whole blood spiked with HeLa cells stained using anti-TNAP (W8B2B10) purified antibody (concentration in sample 0.3 ug/ml).



Flow Cytometry: Mouse Monoclonal Alkaline Phosphatase, Tissue Non-Specific Antibody (W8B2B10) [NBP3-09106] - Anti-Hu TNAP purified antibody (concentration in sample 0.3 ug/ml, GAM APC, red-filled histogram) binds specifically to TNAP on subpopulation of HeLa cells (upper panel), but not to surface of K562 cells (lower panel). Level of non-specific binding was assessed using cells unstained by primary antibody (GAM APC, black-dashed histogram).





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### Products Related to NBP3-09106

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-91660PEP	Alkaline Phosphatase, Tissue Non-Specific Recombinant Protein Antigen

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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