

Product Datasheet

TYRP1 Antibody (TA99) NBP2-32906-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32906-0.1mg

TYRP1 Antibody (TA99)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	TA99
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	75 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34720) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7306
Gene Symbol	TYRP1
Species	Human, Mouse
Marker	Melanoma Marker
Immunogen	SK-MEL-23 cells

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Frozen 1-2 ug/ml, Flow (Intracellular)
Application Notes	Immunohistochemistry (Frozen Only): 1-2ug/ml for 30 minutes at RT. Optimal dilution for a specific application should be determined. Use in Western blot reported in scientific literature (PMID: 30401788).



Publications

Linde IL, Prestwood TR, Qiu J et al. Neutrophil-activating therapy for the treatment of cancer *Cancer cell* 2023-01-19 [PMID: 36706760] (FLOW, Mouse)

Liu Y, Chi W, Tao L et al. Ablation of H⁺/glucose Exporter SLC45A2 Enhances Melanosomal Glycolysis to Inhibit Melanin Biosynthesis and Promote Melanoma Metastasis *The Journal of investigative dermatology* 2022-04-22 [PMID: 35469906] (WB)

Phadke MS, Chen Z, Li J et al. Targeted Therapy Given after Anti-PD-1 Leads to Prolonged Responses in Mouse Melanoma Models through Sustained Antitumor Immunity *Cancer immunology research* 2021-03-02 [PMID: 33653716]

Fortunel NO, Chadli L, Coutier J et al. KLF4 inhibition promotes the expansion of keratinocyte precursors from adult human skin and of embryonic-stem-cell-derived keratinocytes *Nat Biomed Eng* 2019-10-21 [PMID: 31636412] (FLOW, Human)

Details:

The Alexa Fluor 488 conjugated version of this antibody was used, NBP2-34720AF488.

Zhou D, Ota K, Nardin C et al. Mammalian pigmentation is regulated by a distinct cAMP-dependent mechanism that controls melanosome pH. *Sci Signal.* 2018-11-06 [PMID: 30401788] (WB, Human)





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Products Related to NBP2-32906-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-52623	Recombinant Human TYRP1 His Protein

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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