

Product Datasheet

Tyrosinase Antibody (TYR/2024R) [Alexa Fluor™ Plus 405] NBP3-08892AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 5/16/2026 v.20.1

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NBP3-08892AFP405

Tyrosinase Antibody (TYR/2024R) [Alexa Fluor™ Plus 405]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	TYR/2024R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor Plus 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	7299
Gene Symbol	TYR
Species	Human
Marker	Melanoma Marker
Specificity/Sensitivity	Recognizes a cluster of proteins between 70-80kDa, identified as tyrosinase. Occasionally a minor band at 55kDa is also detected. This monoclonal antibody shows no cross-reaction with MAGE-1 and tyrosinase-related protein 1, TRP-1/gp75. Tyrosinase is a copper-containing metalloprotein that catalyzes several steps in the melanin pigment biosynthetic pathway; the hydroxylation of tyrosine to L-3,4-dihydroxy-phenylalanine (dopa), and the subsequent oxidation of dopa to dopaquinone. Mutations of the tyrosinase gene occur in various forms of albinism. Tyrosinase is one of the targets for cytotoxic T-cell recognition in melanoma patients. Staining of melanomas with this monoclonal antibody shows tyrosinase in melanotic as well as amelanotic variants. This monoclonal antibody is a useful marker for melanocytes and melanomas.
Immunogen	Recombinant human full-length tyrosinase (TYR) protein (Uniprot: P14679)



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Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-08892AFP405

NBP2-56703PEP	Tyrosinase Recombinant Protein Antigen
DYC1825-2	ERK1 [p Thr202, p Tyr204] [Biotin]
NBP2-10667	Tyrosinase Overexpression Lysate
AF467	EphB2 Antibody [Unconjugated]

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