

Mouse anti-Human Tyrosinase Monoclonal Antibody | anti-TYR antibody

Tyrosinase

CATALOG # AAA59243	HOST Mouse	REACTIVITY Human
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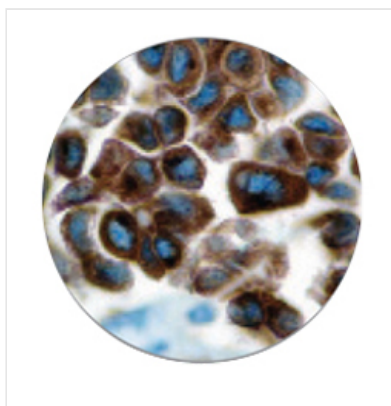
PRODUCT SYNONYMS

Tyrosinase; Monoclonal Antibody; anti-TYR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	Ty/G5
Form/Format	Anti-Tyrosinase is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Malignant Melanoma, Skin
Localization	Cytoplasmic
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-TYR antibody	Tyrosinase is an enzyme that catalyzes the oxidation of phenols (such as tyrosine) and is widespread in plants and animals. Tyrosinase is a copper-containing enzyme present in plant and animal tissues that catalyzes the production of melanin and other pigments from tyrosine by oxidation. The gene for Tyrosinase is regulated by the Microphthalmia-associated transcription factor. A mutation in the tyrosinase gene leads to impaired tyrosinase production resulting in Type I Oculocutaneous Albinism, a hereditary disease that affects 1 in 17,000 people in the U.S. Anti-Tyrosinase has been found to be quite specific for melanotic lesions such as Malignant Melanoma and Melanotic Neurofibroma. Essentially no carcinomas express this marker.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723654
NCBI GeneID	100008753
NCBI Accession #	NP_001075546.1
NCBI GenBank Nucleotide #	NM_001082077.1
Molecular Weight	58214 Da
NCBI Official Full Name	tyrosinase
NCBI Official Symbol	TYR
NCBI Official Synonym Symbols	TYR;
NCBI Protein Information	tyrosinase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tyrosinase-antibody-clone-ty-g5-elisa/59243>