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**Product Name: Tyrosinase Mouse Monoclonal Antibody****Catalog #: AMM22160**

For research use only.

**Summary**

<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,IF,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Purification</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

**Application**

<b>Dilution Ratio</b>	IHC 1:200-400;IF 1:50-200;ELISA 1:500-5000
<b>Molecular Weight</b>	Calculated MW:60kDa

**Antigen Information**

<b>Gene Name</b>	TYR ATN;CMM8;LB24	AB;LB24-AB;Monophenol
<b>Alternative Names</b>	monooxygenase;OCA1;OCA1A;OCAIA;Oculocutaneous albinism IA;SHEP3;SK29	AB;SK29-AB;Tumor rejection antigen AB;TYR;TYRO_HUMAN;tyrosinase;oculocutaneous albinism IA;Tyrosinase
<b>Gene ID</b>	Human:7299	
<b>SwissProt ID</b>	Human:P14679,Mouse:P11344	
<b>Immunogen</b>	Synthesized peptide derived from human Tyrosinase AA range: 250-350	

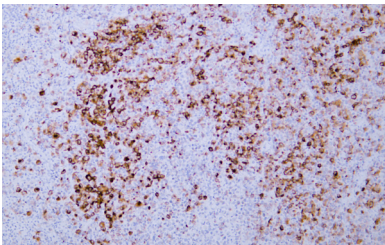
**Background**

tyrosinase(TYR) Homo sapiens The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3&apos; half of this gene. [provided by RefSeq, Oct 2008],

## Research Area

Pathology

## Image Data



Human malignant mesothelioma tissue was stained with Anti-Tyrosinase Antibody