

产品名称: Tyrosinase (8Z10) Rabbit Monoclonal Antibody
产品货号: AMRe19469



产品概述 (Summary)

产品名称 (Production Name)	Tyrosinase (8Z10) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TYR
别名 (Alternative Names)	ATN; CMM8; LB24 AB; SHEP3; SK29 AB; Tumor rejection antigen AB; TYR;
基因 ID (Gene ID)	7299.0
蛋白 ID (SwissProt ID)	P14679.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:100-1:500,ICC/IF 1:50-1:100,FC 1:20-1:50
蛋白分子量 (Molecular Weight)	60kDa

研究背景 (Background)

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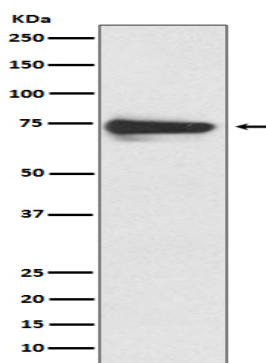


Tyrosinase, found in the membrane of melanosomes, is a key enzyme in the biosynthesis of melanin pigments. It is a melanocyte differentiation antigen and is expressed in normal melanocytes and malignant melanomas. Tyrosinase is implicated to be an antigen target for melanoma vaccines. This is a copper-containing oxidase that functions in the formation of pigments such as melanins and other polyphenolic compounds (By similarity). Catalyzes the initial and rate limiting step in the cascade of reactions leading to melanin production from tyrosine (By similarity). In addition to hydroxylating tyrosine to DOPA (3,4- dihydroxyphenylalanine), also catalyzes the oxidation of DOPA to DOPA- quinone, and possibly the oxidation of DHI (5,6-dihydroxyindole) to indole-5,6 quinone (By similarity).

研究领域 (Research Area)

Tyrosine metabolism;Riboflavin metabolism;Melanogenesis;

图片 (Image Data)



Western blot analysis of Tyrosinase expression in human melanoma lysate.

注意事项 (Note)

For research use only .