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Anti-MAGEA3 Antibody (clone 1H1)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18125

Product Information

Application	WB, IHC-P
Primary Accession	P43357
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	1H1
Calculated MW	34747
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	4102
Alias Symbol	MAGEA3
Other Names	MAGEA3, Antigen MZ2-D, Cancer/testis antigen 1.3, CT1.3, HYPD, MAGE-3 antigen, Melanoma-associated antigen 3, HIP8, MAGE3, Melanoma antigen family A, 3
Target/Specificity	Human MAGEA3
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-MAGEA3 Antibody (clone 1H1) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MAGEA3 {ECO:0000303|PubMed:29779948, ECO:0000312|HGNC:HGNC:6801}
Function	Activator of ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases that acts as a repressor of autophagy (PubMed:20864041, PubMed:31267705). May enhance ubiquitin ligase activity of TRIM28 and stimulate p53/TP53 ubiquitination by TRIM28. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex (PubMed:17942928, PubMed:20864041). May play a role in embryonal development and tumor transformation or aspects of tumor progression (PubMed:17942928, PubMed:20864041). In vitro promotes cell viability in melanoma cell lines (PubMed:17942928). Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes

(PubMed:8113684).

Tissue Location	Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for testes and placenta. Never expressed in kidney tumors, Leukemias and lymphomas

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.