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MAGEC2 Rabbit pAb

Catalog # AP99137

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UBF1
Other Accession	Q9UBF1
Reactivity	Mouse
Predicted	Rat, Pig, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41163
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MAGEE1/MAGEC2
Epitope Specificity	261-350/373
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 MAGE domain.
SUBUNIT	Interacts with TRIM28 and UBE2H.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Tissue specificity; Not expressed in normal tissues, except in germ cells in the seminiferous tubules and in Purkinje cells of the cerebellum. Expressed in various tumors, including melanoma, lymphoma, as well as pancreatic cancer, mammary gland cancer, non-small cell lung cancer and liver cancer. In hepatocellular carcinoma, there is a inverse correlation between tumor differentiation and protein expression, i.e. the lower the differentiation, the higher percentage of expression.

Additional Information

Gene ID	51438
Other Names	CT10; HCA587; MAGEE1; MAGC2_HUMAN; MAGEC2; Cancer/testis antigen 10 (CT10); Hepatocellular carcinoma-associated antigen 587; MAGE-C2 antigen; MAGE-E1 antigen; MAGE family member C2; melanoma antigen, family E, 1, cancer/testis specific; melanoma antigen family C2; cancer/testis antigen 10
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MAGEC2
Synonyms	HCA587, MAGEE1
Function	Proposed to enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. In vitro enhances ubiquitin ligase activity of TRIM28 and stimulates p53/TP53 ubiquitination in presence of Ubl-conjugating enzyme UBE2H leading to p53/TP53 degradation. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzymes (E2) at the E3:substrate complex.
Cellular Location	Cytoplasm. Nucleus. Note=Nuclear in germ cells. Cytoplasmic in well-differentiated hepatocellular carcinoma, nuclear in moderately- and poorly-differentiated hepatocellular carcinoma
Tissue Location	Not expressed in normal tissues, except in germ cells in the seminiferous tubules and in Purkinje cells of the cerebellum. Expressed in various tumors, including melanoma, lymphoma, as well as pancreatic cancer, mammary gland cancer, non-small cell lung cancer and liver cancer. In hepatocellular carcinoma, there is an inverse correlation between tumor differentiation and protein expression, i.e. the lower the differentiation, the higher percentage of expression.

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