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BAGE2 + BAGE3 Rabbit pAb

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Catalog # AP59148

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q86Y30
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12114
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BAGE2 and BAGE2
Epitope Specificity	55-109/109
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Members of the BAGE gene family encode antigens that are recognized by cytotoxic T lymphocytes and are also known as CT (cancer/testis) antigens. Generated by juxtacentromeric shuffling of the MLL3 gene, the ancestral BAGE gene was expanded by acrocentric exchanges and/or juxtacentromeric movements.Generally, BAGE proteins are silent in all normal tissues with the exception of testis. BAGE2 and BAGE 3 (B melanoma antigen 2 and 3, respectively), also known as Cancer/testis antigen 2.2 and 2.3 (respectively), are 109 amino acid secreted proteins that are expressed in 22% of melanomas, lung and bladder carcinomas, and are also expressed in normal testis tissue. Like the genes encoding MAGE proteins, BAGE genes are most likely silenced by DNA methylation and/or chromatin compaction in normal tissues other than testis.

Additional Information

Other Names	B melanoma antigen 2, Cancer/testis antigen 2.2, CT2.2, BAGE2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	BAGE2
Function	Unknown. Candidate gene encoding tumor antigens.
Cellular Location	Secreted.
Tissue Location	Not expressed in normal tissues except in testis. Expressed in 22% of melanomas, in bladder and lung carcinomas

Background

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