



Rabbit Anti-CTAGE5 antibody

SL6808R

Product Name:	CTAGE5
Chinese Name:	皮肤T细胞淋巴瘤相关抗原5抗体(脑膜瘤表达抗原6)
Alias:	cTAGE 5A; cTAGE 5B; cTAGE 5C; cTAGE 5D; cTAGE family member 5; CTAGE family, member 5; CTAGE5; cTAGE5A; cTAGE5B; cTAGE5C; cTAGE5D; CTGE5_HUMAN; Cutaneous T cell lymphoma associated antigen 5; Cutaneous T-cell lymphoma-associated antigen 5; MEA11; MEA6; Meningioma expressed antigen 6 (coiled coil proline rich); Meningioma expressed antigen 6/11; Meningioma-expressed antigen 6/11; MGEA; MGEA11; MGEA6; Protein cTAGE 5; Protein cTAGE-5.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	91kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CTAGE5:268-360/804
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	Cutaneous T cell lymphomas (CTCL) represent a group of malignancies that originate from CD4-T lymphocytes and manifest on the skin. CTCL is a general term for several

neoplasms including mycosis fungoides, T cell leukemia/ lymphoma and pagetoid reticulosis, all of which are very difficult to treat in the advanced stages. CTAGE2 (cutaneous T cell lymphoma associated-antigen 2) is a member of the cancer/testis antigen family of proteins (CTAGE) that, under normal conditions, are found primarily in the testis with little or no expression in other parts of the body. Another member of the CTAG family, namely CTAGE5 (also known as MEA11, MEA6, MGEA11 or MGEA6), is a tumor associated antigen that is found in tumors of various origins, including cutaneous T cell lymphomas. Both CTAGE2 and CTAGE5 are expressed as multiple isoforms due to alternative splicing events.

Function:

Tumor-associated antigen. Tissue specificity: Isoform 5A is expressed only in testis (at the protein level). Other isoforms are expressed in several other normal tissues, including brain, muscle and cranial skin. Isoform 5A (at protein level) and isoform 5B are expressed in cutaneous T-cell lymphoma (CTCL) cell lines, colorectal carcinomas, breast carcinomas and melanoma. Isoform 5B, but not isoform 5A, is expressed in head and neck squamous cell carcinoma.

Tissue Specificity:

Isoform 5A is expressed only in testis (at the protein level). Other isoforms are expressed in several other normal tissues, including brain, muscle and cranial skin. Isoform 5A (at protein level) and isoform 5B are expressed in cutaneous T-cell lymphoma (CTCL) cell lines, colorectal carcinomas, breast carcinomas and melanoma. Isoform 5B, but not isoform 5A, is expressed in head and neck squamous cell carcinoma.

DISEASE:

Note=Autoantibodies against CTAGE5 are present in several cancer types, including benign meningioma and cutaneous T-cell lymphoma (CTCL).

Similarity:

Belongs to the cTAGE family.

SWISS:

O15320

Gene ID:

4253

Database links:

[Entrez Gene: 4253](#)Human

[Omim: 602132](#)Human

[SwissProt: O15320](#)Human

[Unigene: 509200](#)Human

[Unigene: 540038](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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