

Rabbit Anti-MA2/AP Conjugated antibody

SL18560R-AP

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| Product Name | Anti-MA2/AP |
| Chinese Name | 碱性磷酸酶（AP）标记的副 Tumour 性神经元抗原抗体 40 kDa neuronal protein; KIAA0883; MA2; MM2; Onconeural antigen Ma2; Paraneoplastic antigen Ma2; Paraneoplastic Ma antigen 2; |
| Alias | Paraneoplastic neuronal antigen; Paraneoplastic neuronal antigen MM2; PNMA2; PNMA2_HUMAN; Retrotransposon gag domain containing 2; RGAG2. |
| Research Area | Tumour Cell biology immunology Neurobiology |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | (predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep) IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 42kDa |
| Form | Lyophilized or Liquid |
| Concentration | 1mg/ml |
| immunogen | KLH conjugated synthetic peptide derived from human MA2 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Storage | |
| Product Detail | background: The paraneoplastic antigen MA family contains three known members: MA1, MA2 and MA3. MA1, also designated neuron- and testis-specific protein 1, is a nucleolar protein in normal cells but localizes to the cytoplasm of tumor cells. MA2, also designated onconeural antigen MA2, is a nucleolar protein |

expressed in brain and testis. MA3 is highly expressed in brain and testis and is expressed at low levels in heart, trachea and kidney.

Subcellular Location:

Nucleus > nucleolus.

Tissue Specificity:

Brain specific. In some patients suffering from cancers, it is also specifically expressed by the testicular tumor cells.

Similarity:

Belongs to the PNMA family.

Database links:

[Entrez Gene: 540301](#) Cow

[Entrez Gene: 10687](#) Human

[Omim: 603970](#) Human

[SwissProt: Q2KIT6](#) Cow

[SwissProt: Q9UL42](#) Human

[Unigene: 591838](#) Human

Important Note:

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