



Rabbit Anti-CDR2 antibody

SL6296R

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| Product Name: | CDR2 |
| Chinese Name: | 小脑变性相关蛋白2抗体 |
| Alias: | CDR 2; CDR 62; CDR2; CDR2_HUMAN; CDR62; Cerebellar degeneration related protein 2; Cerebellar degeneration related protein; Cerebellar degeneration-related protein 2; Major Yo paraneoplastic antigen; Paraneoplastic cerebellar degeneration associated antigen; Paraneoplastic cerebellar degeneration-associated antigen; PCD 17; PCD17; Yo antibody; Yo paraneoplastic antigen. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Cow,Horse, |
| 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: | 52kDa |
| Cellular localization: | The nucleusThe cell membraneExtracellular matrix |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human CDR2/PCD17:381-454/454 |
| 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: | CDR2 (cerebellar degeneration-related protein 2), also referred to as Yo or CDR62, is a 545 amino acid protein that is associated with the development of paraneoplastic cerebellar degeneration (PCD). PCD, an immune-mediated syndrome, belongs to a |

heterogeneous group of rare paraneoplastic neurologic disorders affecting the neurological system. PCD is characterized by subacute cerebellar ataxia and occurs mainly in patients with ovarian, uterine, fallopian tube or breast cancer. Patients with ovarian or breast cancer develop an immune response against cancer cell-expressed CDR2 and Purkinje neuron-expressed CDR2. The presence of the anti-CDR2 antibody in patients with PCD symptoms warrants an aggressive approach to diagnosis and treatment of the underlying cancer.

Similarity:

Belongs to the CDR2 family.

SWISS:

Q01850

Gene ID:

1039

Database links:

[Entrez Gene: 1039](#)Human

[Entrez Gene: 12585](#)Mouse

[Entrez Gene: 308958](#)Rat

[Omim: 117340](#)Human

[SwissProt: Q01850](#)Human

[SwissProt: P97817](#)Mouse

[Unigene: 513430](#)Human

[Unigene: 1640](#)Mouse

[Unigene: 3537](#)Rat

Important Note:

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