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CDR2 Rabbit pAb

Catalog # AP99080

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q01850
Other Accession	Q01850
Predicted	Rat, Human, Mouse, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51855
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CDR2/PCD17
Epitope Specificity	381-454/454
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the CDR2 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	1039
Other Names	CDR62; Yo; RGD1310578; CDR2_HUMAN; CDR2; Major Yo paraneoplastic antigen; Paraneoplastic cerebellar degeneration-associated antigen; PCD17; CDR2_MOUSE; cerebellar degeneration related protein 2; cerebellar degeneration-related protein (62kD); cerebellar degeneration-related protein 2, 62kDa; Yo paraneoplastic antigen
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	CDR2
Synonyms	PCD17

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