



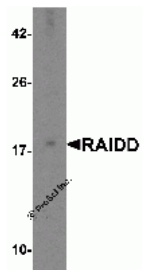
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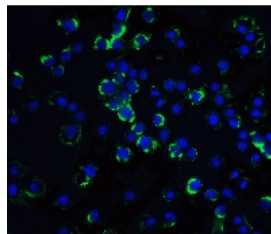
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RAIDD Antibody

CATALOG NUMBER: 1117

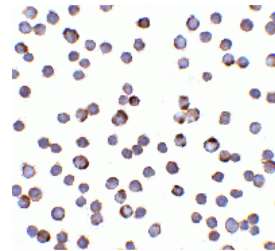


Western blot analysis of RAIDD in MCF7 total cell lysate with RAIDD antibody at 2 ug/mL.

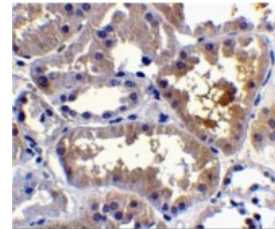


Immunofluorescence of RAIDD in HeLa cells with RAIDD antibody at 20 ug/mL.

Green: RAIDD Antibody (1117)
Blue: DAPI staining



Immunocytochemistry of RAIDD in HeLa cells with RAIDD antibody at 10 ug/mL.



Immunohistochemistry of RAIDD in human kidney tissue with RAIDD antibody at 10 ug/mL.

Specifications

SPECIES REACTIVITY: Human

HOMOLOGY: Predicted species reactivity based on immunogen sequence: Mouse: (79%)

TESTED APPLICATIONS: ELISA, ICC, IF, IHC-P, WB

APPLICATIONS: RAIDD antibody can be used for detection of RAIDD by Western blot at 2 ug/mL. A 22 kDa band should be detected. Antibody can also be used for immunohistochemistry starting at 10 ug/mL.

Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

USER NOTE: Optimal dilutions for each application to be determined by the researcher.

POSITIVE CONTROL:

- 1) Cat. No. 1219 – MCF7 Cell Lysate
- 2) Cat. No. 1305 - Human Kidney Tissue Lysate
- 3) Cat. No. 10-401 - Human Kidney Tissue Slide

PREDICTED MOLECULAR WEIGHT: Predicted: 22 kDa

Observed: 18 kDa

IMMUNOGEN: RAIDD antibody was raised against a peptide corresponding to amino acids near the carboxy terminus of human RAIDD.

The immunogen is located within the last 50 amino acids of RAIDD.

HOST SPECIES: Rabbit

Properties

PURIFICATION: RAIDD Antibody is Antibody is DEAE purified.

PHYSICAL STATE: Liquid

BUFFER: RAIDD Antibody is supplied in PBS containing 0.02% sodium azide.

CONCENTRATION: batch dependent

STORAGE CONDITIONS: RAIDD antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

CLONALITY: Polyclonal

ISOTYPE: IgG

CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: RAIDD Antibody: MRT34, RAIDD, Death domain-containing protein CRADD, Caspase and RIP adapter with death domain

ACCESSION NO.: AAB42217

PROTEIN GI NO.: 1785557

OFFICIAL SYMBOL: CRADD

GENE ID: 8738

Background

BACKGROUND: RAIDD Antibody: Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain (DD)-containing receptors, TNFR1 and Fas. The death signals are transduced by a group of DD-containing adapter molecules. A novel cell death adapter was recently identified by two independent groups and designated RAIDD (RIP-associated ICH-1/CED-3-homologous protein with DD) and CRADD (caspase and RIP adapter with DD)1, RAIDD contains a DD and a CARD (for caspase recruitment domain) which interact with RIP and caspase, respectively, to transduce death signals. RAIDD is constitutively expressed in many tissues and mediates apoptosis caused by Fas and TNFR-1.

REFERENCES: 1) Duan H, Dixit VM. RAIDD is a new 'death' adaptor molecule. *Nature* 1997;385:86-89

2) Ahmad M, Srinivasula SM, Wang L, Talanian RV, Litwack G, Fernandes-Alnemri T, Alnemri ES. CRADD, a novel human apoptotic adaptor molecule for caspase-2, and FasL/tumor necrosis factor receptor-interacting protein RIP. *Cancer Res* 1997 57:615-619

3) Hofmann K, Bucher P, Tschopp J. The CARD domain: a new apoptotic signalling motif. *Trends Biochem Sci* 1997;22:155-156 (RD1299)

FOR RESEARCH USE ONLY

January 5, 2019