BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-RAIDD CRADD Antibody

Catalog Number: A06509-1

About CRADD

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 signals1, 3. RAIDD is constitutively expressed in many tissues and mediates apoptosis caused by Fas and TNFR-1.

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Overview

Product Name	Anti-RAIDD CRADD Antibody
Reactive Species	Human
Description	Boster Bio Anti-RAIDD CRADD Antibody (Catalog # A06509-1). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	RAIDD Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	RAIDD antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	P78560

Technical Details

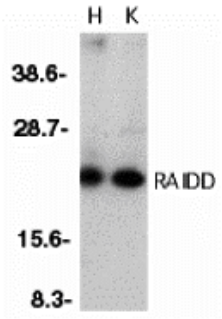
Immunogen	RAIDD antibody was raised against a 19 amino acid peptide near the center of human RAIDD. The immunogen is located within amino acids 90 - 140 of RAIDD.
Predicted Reactive Species	Mouse

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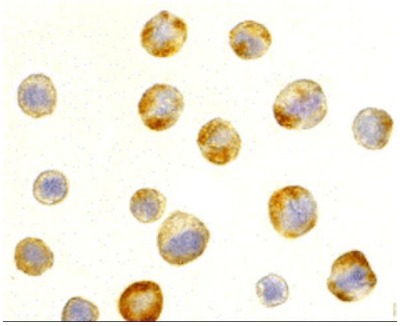
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	RAIDD Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RAIDD antibody can be used for detection of RAIDD by Western blot at 0.5 - 1 ug/mL. A 22 kDa band should be detected. Antibody can also be used for immunocytochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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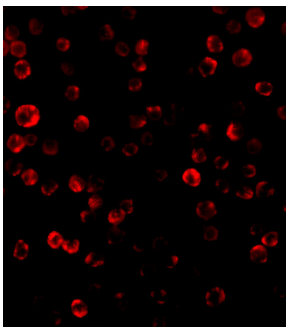
Anti-RAIDD CRADD Antibody (A06509-1) Images



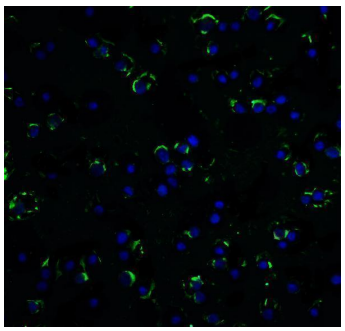
Western blot analysis of RAIDD in whole cell lysates from HeLa (H) or K562 (K) cells with RAIDD antibody at 1:500 dilution.



Immunocytochemistry of RAIDD in HeLa cells with RAIDD antibody at 5 ug/mL.



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



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

Anti-RAIDD CRADD Antibody

For Research Use Only. Not for use in diagnostic procedures.