BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-DR3 TNFRSF25 Antibody

Catalog Number: A03227-1

About TNFRSF25

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 containing receptors, TNFR1 and Fas. A novel cell death receptor was recently identified by several groups independently and designated DR3, Wsl-1, Apo-3, TRAMP and LARD1-5. The ligand for this novel death receptor has been defined as TWEAK, also termed Apo3L. DR3 is highly expressed in the tissues enriched in lymphocytes including PBL, thymus and spleen. Like TNFR1, DR3 induces apoptosis and NF-kappaB activation.

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Overview

Product Name	Anti-DR3 TNFRSF25 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-DR3 TNFRSF25 Antibody (Catalog # A03227-1). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	DR3 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	DR3 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	Q93038

Technical Details

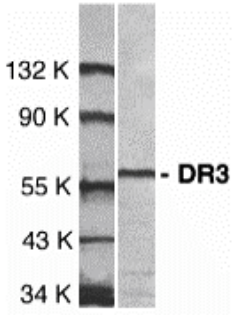
Immunogen	DR3 antibody was raised against a peptide corresponding to amino acids in extracellular domain of human DR3 precusor. The immunogen is located within amino acids 50 - 100 of DR3.
Predicted Reactive Species	Bovine, Chicken
Isotype	IgG

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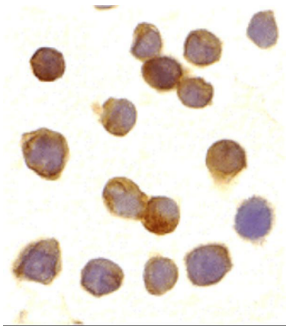
Form	Liquid
Concentration	1 mg/ml
Purification	DR3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DR3 antibody can be used for detection of DR3 expression by Western blot at 1 ug/mL. 59 kDa band should be detected. Antibody can also be used for immunocytochemistry starting at 10 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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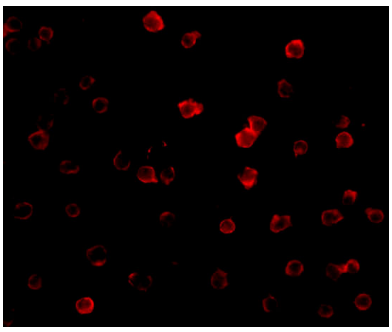
Anti-DR3 TNFRSF25 Antibody (A03227-1) Images



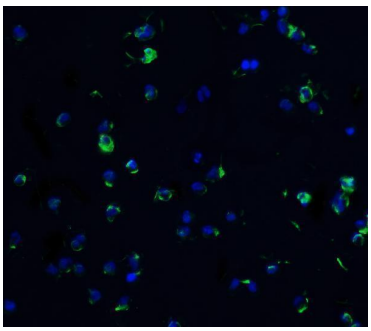
Western blot analysis of DR3 in Jurkat total cell lysate with DR3 antibody at 1:1000 dilution.



Immunocytochemistry of DR3 in Jurkat cells with DR3 antibody at 10 ug/mL.



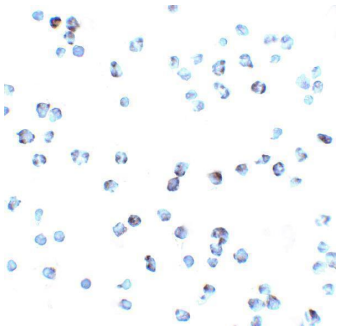
Immunofluorescence of DR3 in Jurkat cells with DR3 antibody at 20 ug/mL.



Immunofluorescence of DR3 in Jurkat cells with DR3 antibody at 20 ug/mL.Green: DR3 Antibody (A03227-1) Blue: DAPI staining

Immunocytochemistry of DR3 in Jurkat cells with DR3 antibody at 10 ug/mL.

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