

Anti-CD30/TNFRSF8 Antibody

Catalog Number: RP1029

About TNFRSF8

CD30, also known as TNFRSF8, is a cell membrane protein of the tumor necrosis factor receptor family and tumor marker. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. This gene is mapped to 1p36.22. CD30 is expressed in embryonal carcinoma but not in seminoma and is thus a useful marker in distinguishing between these germ cell tumors. CD30 mast cell activation represents an IgE-independent activation pathway, which is important for understanding cutaneous inflammation associated with mast cells. In addition to those, CD30 is also associated with anaplastic large cell lymphoma.

Overview

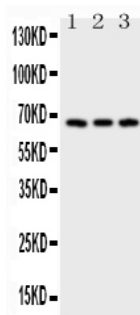
Product Name	Anti-CD30/TNFRSF8 Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD30/TNFRSF8 Antibody catalog # RP1029. Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P28908

Technical Details

Immunogen	E.coli-derived human CD30 recombinant protein (Position: T322-K595). Human CD30 shares 60% and 57% amino acid (aa) sequences identity with mouse and rat CD30, respectively.
Predicted Reactive Species	Bovine
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized

Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human</p>

Anti-CD30/TNFRSF8 Antibody (RP1029) Images



Anti-CD30 Picoband antibody, RP1029.jpg

All lanes: Anti-CD30(RP1029) at 0.5ug/ml

Lane 1: HELA Whole Cell Lysate at 40ug

Lane 2: 293T Whole Cell Lysate at 40ug

Lane 3: JURKAT Whole Cell Lysate at 40ug

Predicted bind size: 67KD

Observed bind size: 67KD

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