Catalog # 970-RBM27
Product Datasheet

Recombinant CD70 antigen Antibody

Rabbit Monoclonal Antibody [Clone CD70/13615R]

Catalog No	Format	Size
970-RBM27-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
970-RBM27-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
970-RBM27-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

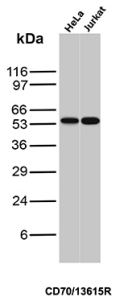
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

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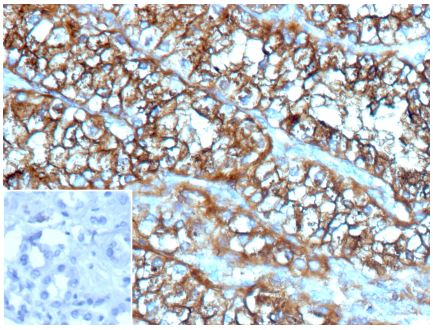
Clone	CD70/13615R
Immunogen	Recombinant fragment (around aa 176-193) of human CD70 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	21.12kDa
Cellular Localization	Cell membrane
Species Reactivity	Human

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant CD70 antigen Antibody



Western blot analyses of HeLa and Jurkat cell lysates CD70 Recombinant Rabbit Monoclonal Antibody (CD70/13615R).



Formalin-fixed, paraffin-embedded human renal cell carcinoma stained with CD70 Recombinant Rabbit Monoclonal Antibody (CD70/13615R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

Expressed at the plasma membrane of B cells, it is the ligand of the CD27 receptor which is specifically expressed at the surface of T cells (PubMed:28011863, PubMed:28011864, PubMed:8387892). The CD70-CD27 signaling pathway mediates antigen-specific T cell activation and expansion which in turn provides immune surveillance of B cells (PubMed:28011863, PubMed:28011864).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

2 Union Square, Union City, CA 94587, Tel: 1-866-2-NEOBIO (1-866-263-6246)
orders@NeoBiotechnologies.com, www.NeoBiotechnologies.com