BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Lymphocyte antigen 6K LY6K Antibody

Catalog Number: A10157

About LY6K

The lymphocyte antigen 6 complex locus K (LY6K), a member of cancer-testis antigen was initially identified as a molecular marker for head-and-neck squamous cell carcinoma as well a breast cancer. LY6K is a GPI-anchored membrane protein that is specifically associated with germ cell marker TEX101 and is strongly observed in testis, but only weakly in other tissues. LY6K mRNA was found to be upregulated in numerous bladder cancers due to gene amplification. Furthermore, knockdown experiments using LY6K siRNA reduced cell growth, migration and invasion in bladder carcinoma cell lines, suggesting that LY6K contributes to bladder cancer development.

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Overview

Product Name	Anti-Lymphocyte antigen 6K LY6K Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Lymphocyte antigen 6K LY6K Antibody (Catalog # A10157). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	LY6K Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	LY6K 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	Q17RY6

Technical Details

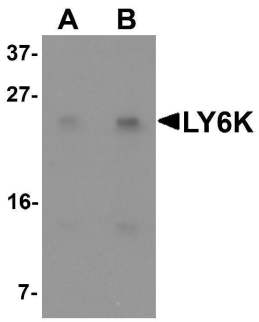
Immunogen	LY6K antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human LY6K. The immunogen is located within the first 50 amino acids of LY6K.
Predicted Reactive Species	Bovine, Rat
Cross Reactivity	Multiple isoforms of LY6K are known to exist.

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Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	LY6K Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	LY6K antibody can be used for detection of LY6K by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot 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-Lymphocyte antigen 6K LY6K Antibody (A10157) Images



Western blot analysis of LY6K in HeLa cell lysate with LY6K antibody at (A) 1 and (B) 2 ug/mL.

Anti-Lymphocyte antigen 6K LY6K Antibody

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