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Datasheet for ABIN6991564

anti-Ly6k antibody (N-Term)

Overview	
Quantity:	0.1 mg
Target:	Ly6k
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ly6k antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)
Product 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.
Isotype:	IgG
Specificity:	Multiple isoforms of LY6K are known to exist.
Purification:	LY6K Antibody is affinity chromatography purified via peptide column.
Target Details	
Target:	Ly6k
Alternative Name:	LY6K (Ly6k Products)
Background:	LY6K Antibody: 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.

Gene ID:

54742

UniProt:

Q17RY6

Application Details

Application Notes:

LY6K antibody can be used for detection of LY6K by Western blot at 1 - 2 μ,g/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	LY6K Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	LY6K antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.