Datasheet for ABIN1450086

anti-Ly6k antibody (N-Term)

1 Image

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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:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Rabbit polyclonal LY6K antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of Human LY6K
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	Ly6k
Alternative Name:	LY6K (Ly6k Products)
Background:	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

Target Details

	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.Synonyms: CO16, Ly-6K, Lymphocyte antigen 6K
Gene ID:	54742

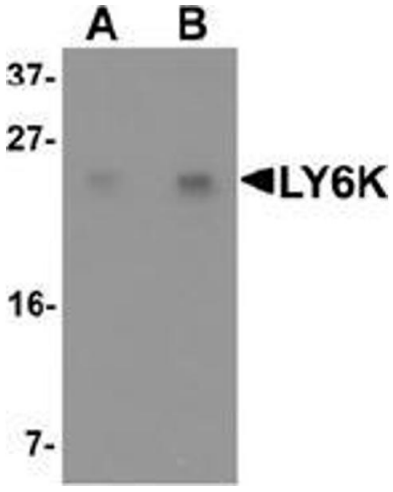
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Western Blotting

Image 1. Western blot analysis of LY6K in HeLa cell lysate with LY6K Antibody at (A) 1 and (B) 2 µg/ml.