

Rabbit Polyclonal Anti-KK-LC-1 antibody

Catalog Number: KKLC1-112AP

Lot Number:

General Information

Product	KK-LC-1 Antibody
Description	Affinity Purified Kita-kyushu lung cancer antigen 1 Antibody C-epitope
Accession #	NCBI: NP_001017978
Verified Applications	ELISA, IP, WB
Species Cross Reactivity	Human, Monkey
Host	Rabbit
Immunogen	Synthetic peptide taken within amino acid region 61-111 on human Kita-Kyushu lung cancer antigen 1.
Alternative Nomenclature	Cancer/testis antigen 83 antibody Chromosome X open reading frame 61 antibody CT83 antibody CXorf61 antibody Kita-kyushu lung cancer antigen 1 antibody KKLC1 antibody

Physical Properties

Quantity	100 µg
Volume	200 µl
Form	Affinity Purified Immunoglobulins
Immunoglobulin & Concentration	0.6 mg/ml IgG in antibody stabilization buffer
Storage	Store at -20°C for long term storage.

Recommended Dilutions

ELISA	1:10,000
Immunoprecipitation	1:200
Western Blot	1:500

Related Products

Catalog

N-epitope	KKLC1-101AP
FITC-Conjugated	KKLC1.112-FITC
BIOTIN-Conjugated	KKLC1.112-BIOTIN
Antigenic Blocking Peptide	P-KKLC1.112
Western Blot Positive Control	PC-KKLC1

Overview:

A lung adenocarcinoma tumor specific CTL clone H1 obtained from the lymph node lymphocytes of patient was used to identify a new antigen coding gene by cDNA expression cloning technique. The gene consist of 556 bp including an open reading frame consist of 113 amino acids named as Kita-kyushu lung cancer antigen 1 (KK-LC1) the epitope for this protein lies between aa 76-84, and the genomic DNA of this antigen was localized on chromosome Xq22. The RT-analyses suggests that the mRNA for this gene is only expressed in the testis among all the normal tissues. About 50% of the non-small-cell lung carcinoma and 40% of the non-small-cell lung cancer tissue are positive for the expression of this protein.

The KKLC1-selective antibodies were generated against unique peptide taken form within the coding region of the KKLC1 gene. FabGennix has generated highly specific rabbit anti-KKLC1 polyclonal antibodies utilizing small peptide sequences. FabGennix has produced antibodies to multiple epitopes on the same protein that will facilitate studies utilizing interspecies cross reactivity. The antibodies to KKLC1 can be conjugated to fluorophores and other secondary enzymes as an additional service. FabGennix provides custom antibody production services for researchers that are looking for high affinity monoclonal and polyclonal antibodies in various host animal species. For a complete listing of all FabGennix antibodies and services please visit www.FabGennix.com.

References:

1. Hanagiri T, Takenoyama M, Ichiki Y, Mizukami M, So T, Sugaya M, So T, Sugio K, Yasumoto K, Aruna. Identification of a new cancer/germline gene, KK-LC-1, encoding an antigen recognized by autologous CTL induced on human lung adenocarcinoma. Fukuyama T1, Cancer Res. 2006 May 1;66(9):4922-8.

* For users who may require large amounts of the products listed above, please inquire about bulk material discounts.

This Product is for Research Use Only and is NOT intended for use in humans or clinical diagnosis.

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