

For Research Use Only

# LY6D Polyclonal antibody

Catalog Number: 17361-1-AP

Featured Product

11 Publications



## Basic Information

### Catalog Number:

17361-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10714

### GenBank Accession Number:

BC031330

### GeneID (NCBI):

8581

### UNIPROT ID:

Q14210

### Full Name:

lymphocyte antigen 6 complex, locus D

### Calculated MW:

128 aa, 13 kDa

### Observed MW:

13-14 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

WB : A431 cells,

IHC : human skin cancer tissue, human tonsillitis tissue

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

LY6D, also named as E48 and ThB, may act as a specification marker at earliest stage specification of lymphocytes between B- and T-cell development. It marks the earliest stage of B-cell specification.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kui Xiao	34714841	PLoS One	WB
Catherine D Yao	33033234	Nat Commun	IF
Renaud Mevel	33025905	Elife	IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

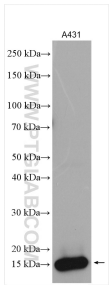
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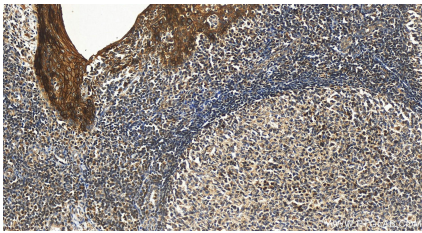
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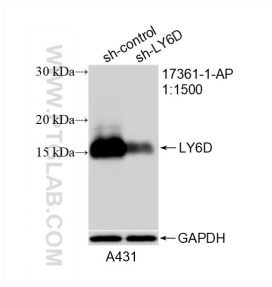
Selected Validation Data



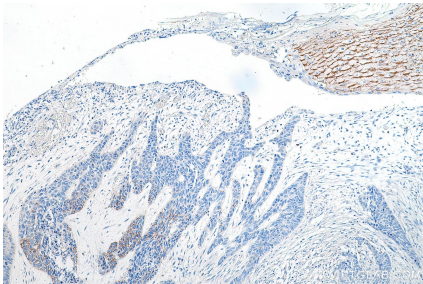
A431 cells were subjected to SDS PAGE followed by western blot with 17361-1-AP (LY6D antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17361-1-AP (LY6D antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of LY6D antibody (17361-1-AP; 1:1500; incubated at room temperature for 1.5 hours) with sh-Control and sh-LY6D transfected A431 cells.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 17361-1-AP (LY6D antibody) at dilution of 1:200 (under 10x lens).