

# CD25 (Q22) Mouse mAb

CatalogNo: YM3107

## Key Features

### Host Species

- Mouse

### Reactivity

- Human

### Applications

- IHC,IF

### MW

- 31kD (Calculated)

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.

## Recommended Dilution Ratios

IHC 1:200

IF 1:50-200

## Basic Information

**Clonality** Monoclonal

**Clone Number** Q22

## Immunogen Information

**Immunogen** Synthetic Peptide of CD25

**Specificity** The antibody detects endogenous human CD25 protein.

## Target Information

**Gene name** IL2RA

**Protein Name** Interleukin-2 receptor subunit alpha

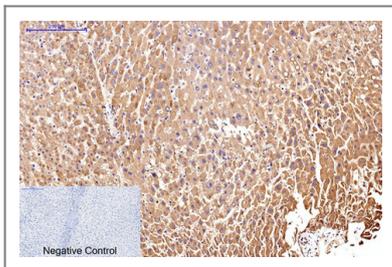
Organism	Gene ID	UniProt ID
Human	<a href="#">3559;</a>	<a href="#">P01589;</a>
Mouse	<a href="#">16184;</a>	<a href="#">P01590;</a>
Rat	<a href="#">25704;</a>	<a href="#">P26897;</a>

**Cellular Localization** Membrane; Single-pass type I membrane protein.

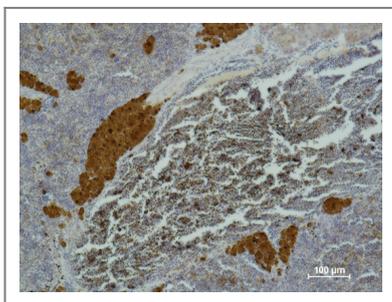
**Tissue specificity** Thymus,

**Function** Disease:Genetic variations in IL2RA are associated with susceptibility to insulin-dependent diabetes mellitus type 10 (IDDM10) [MIM:601942].,Function:Receptor for interleukin-2.,online information:IL2RA mutation db,similarity:Contains 2 Sushi (CCP/SCR) domains.,subunit:Non-covalent dimer of an alpha and a beta chains. IL2R exists in 3 different forms: a high affinity dimer, an intermediate affinity monomer (beta chain), and a low affinity monomer (alpha chain). The high and intermediate affinity forms also associate with a gamma chain.,

## Validation Data



Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1,CD25 Monoclonal Antibody(Q22) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse Spleen Tissue using CD 25 Mouse mAb diluted at 1:500.

## Contact information

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Please scan the QR code  
to access additional  
product information:  
**CD25 (Q22) Mouse  
mAb**

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