

## CD3H Rabbit Monoclonal Antibody

CAB22473

### Description

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This CD3H Rabbit Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CAB22473
<b>Contents:</b>	100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Synonyms:</b>	T3Z, CD3H, CD3Q, CD3Z, TCRZ, IMD25, CD3ZETA, CD3-ZETA
<b>Clone:</b>	ARC57083
<b>Applications:</b>	<span>WB</span> <span>IHC-P</span> <span>ELISA</span>
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

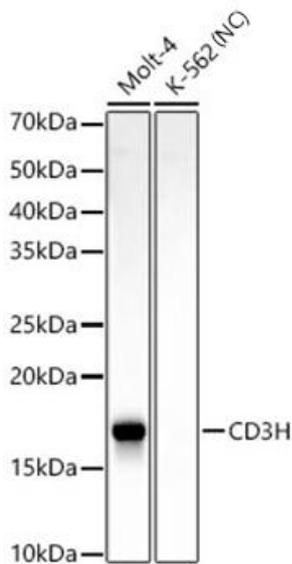
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<b>Gene ID:</b>	919
<b>Isotype:</b>	IgG
<b>Swiss Prot:</b>	P20963
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	18kDa
<b>Calculated MW:</b>	19kDa
<b>Form:</b>	Liquid

## Preparation & Storage

<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.						
<b>Positive Sample:</b>	MOLT-4, Mouse Thymus, Mouse Spleen, Rat Thymus						
<b>Recommended Dilutions:</b>	<table border="1"> <tr> <td><b>WB</b></td> <td>1:1000 - 1:5000</td> </tr> <tr> <td><b>IHC-P</b></td> <td>1:2000 - 1:6000</td> </tr> <tr> <td><b>ELISA</b></td> <td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td> </tr> </table>	<b>WB</b>	1:1000 - 1:5000	<b>IHC-P</b>	1:2000 - 1:6000	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>WB</b>	1:1000 - 1:5000						
<b>IHC-P</b>	1:2000 - 1:6000						
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.						
<b>Protein Quantification (Optional):</b>	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol						

## Validation Data



Western blot analysis of various lysates, using CD3H Rabbit Monoclonal Antibody (CAB22473) at 1:2000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution.

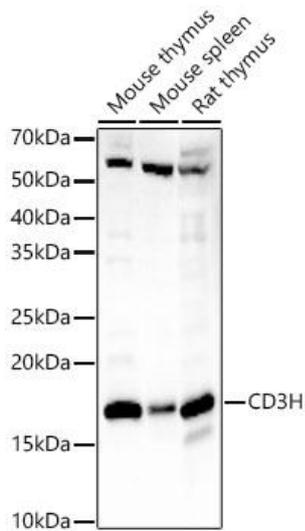
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% non-fat dry milk in TBST.

Detection: ECL Basic Kit.

Negative control (NC): K-562.

Exposure time: 90s.



Western blot analysis of various lysates, using CD3H Rabbit Monoclonal Antibody (CAB22473) at 1:2000 dilution.

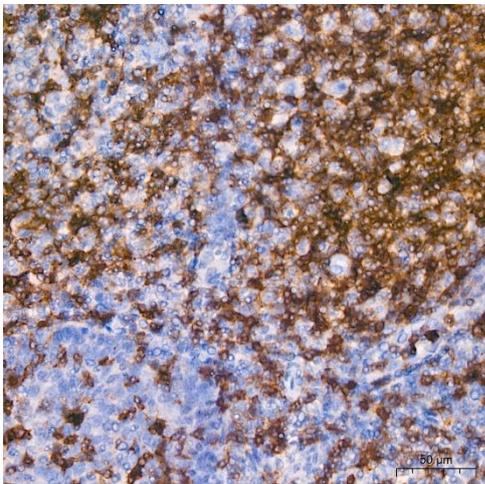
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% non-fat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CD3H Rabbit Monoclonal Antibody (CAB22473) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.