Datasheet for ABIN1724841
# anti-CD7 antibody (AA 72-175)

**4** Images

## Overview

| | |
|---|---|
| Quantity: | 0.1 mg |
| Target: | CD7 |
| Binding Specificity: | AA 72-175 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This CD7 antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

## Product Details

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|---|---|
| Immunogen: | Purified recombinant fragment of human CD7 (AA: 72-175) expressed in E. coli. |
| Clone: | 5B10E3 |
| Isotype: | IgG1 |
| Purification: | purified |

## Target Details

| | |
|---|---|
| Target: | CD7 |
| Alternative Name: | CD7 (CD7 Products) |
| Background: | Description: This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays |

## Target Details

|  |  |
|---|---|
|  | an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. |
|  | Aliases: GP40, TP41, Tp40, LEU-9 |
| Molecular Weight: | 25.4 kDa |
| Gene ID: | 924 |
| HGNC: | 924 |
| Pathways: | Cell-Cell Junction Organization |

## Application Details

| Application Notes: | ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400 |
|---|---|
| Restrictions: | For Research Use only |

## Handling
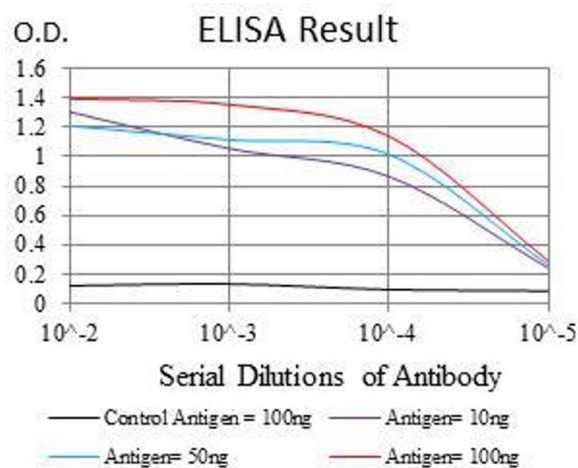
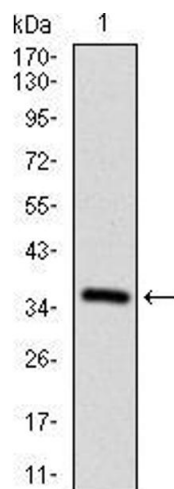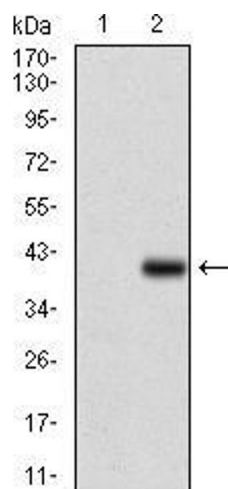| Format: | Liquid |
|---|---|
| Buffer: | Purified antibody in PBS with 0.05 % sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | 4°C, -20°C for long term storage |

# Images

## ELISA



**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),

## Western Blotting



**Image 2.** Western blot analysis using CD7 mAb against human CD7 recombinant protein. (Expected MW is 36.6 kDa)

## Western Blotting



**Image 3.** Western blot analysis using CD7 mAb against HEK293 (1) and CD7 (AA: 72-175)-hIgGFc transfected HEK293 (2) cell lysate.

Please check the product details page for more images. Overall 4 images are available for ABIN1724841.