Datasheet for ABIN527415

# anti-APPL2 antibody (AA 174-273)

4 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | APPL2 |
| Binding Specificity: | AA 174-273 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This APPL2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

## Product Details

| | |
|---|---|
| Purpose: | Mouse monoclonal antibody raised against a partial recombinant APPL2. |
| Immunogen: | APPL2 (NP_060641.2, 174 a.a. ~ 273 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence: | QHLSSLQYYC ALNALQYRKQ MAMMEPMIGF AHGQINFFKK GAEMFSKRMD SFLSSVADMV QSIQVELEAE AEKMRVSQQE LLSVDESVYT PDSDVAAPQI |
| Clone: | 1C10 |
| Isotype: | IgG2b |
| Cross-Reactivity: | Human |
| Characteristics: | Antibody Reactive Against Recombinant Protein. |

## Target Details

| | |
|---|---|
| Target: | APPL2 |
| Alternative Name: | APPL2 (APPL2 Products) |
| Background: | Full Gene Name: adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2<br>Synonyms: DIP13B,FLJ10659 |
| Gene ID: | 55198 |
| NCBI Accession: | NM_018171 |

## Application Details

| | |
|---|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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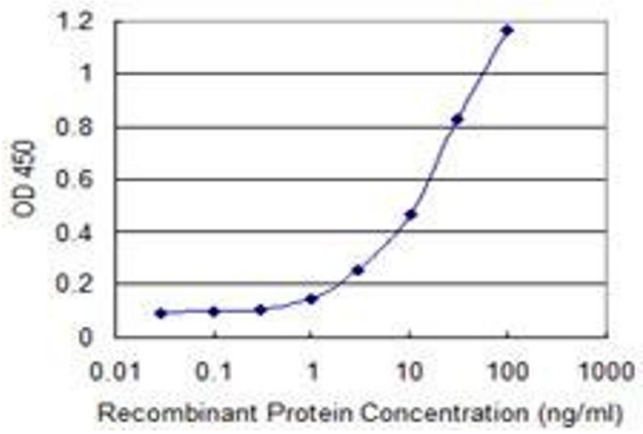
|---|---|
| Buffer: | In 1x PBS, pH 7.4 |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

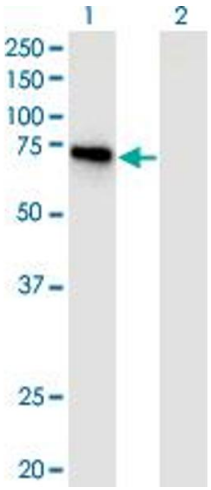
## Images




**ELISA**

**Image 1.** Detection limit for recombinant GST tagged APPL2 is 0.3 ng/ml as a capture antibody.

## Images

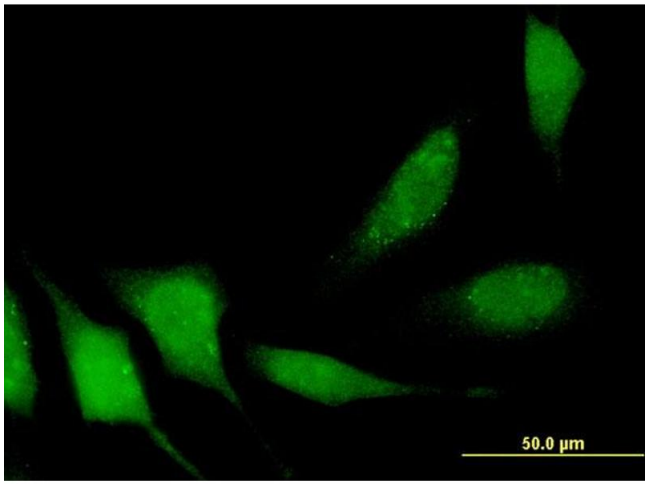



### Western Blotting

**Image 2.** Western Blot analysis of APPL2 expression in transfected 293T cell line by APPL2 monoclonal antibody (M06), clone 1C10.

Lane 1: APPL2 transfected lysate (Predicted MW: 74.5 KDa).

Lane 2: Non-transfected lysate.




### Immunofluorescence

**Image 3.** Immunofluorescence of monoclonal antibody to APPL2 on HeLa cell. [antibody concentration 10 ug/ml]

Please check the product details page for more images. Overall 4 images are available for ABIN527415.