

Datasheet for ABIN316676

**anti-Cytomegalovirus (CMV) antibody**[Go to Product page](#)

## Overview

|              |                                                                                                       |
|--------------|-------------------------------------------------------------------------------------------------------|
| Quantity:    | 0.2 mg                                                                                                |
| Target:      | Cytomegalovirus (CMV)                                                                                 |
| Reactivity:  | Cytomegalovirus (CMV)                                                                                 |
| Host:        | Mouse                                                                                                 |
| Clonality:   | Monoclonal                                                                                            |
| Conjugate:   | Un-conjugated                                                                                         |
| Application: | Immunofluorescence (IF), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                  |                                                                       |
|------------------|-----------------------------------------------------------------------|
| Immunogen:       | Partially purified extracts of strain AD169 infected HEL fibroblasts. |
| Clone:           | 01-01-42                                                              |
| Isotype:         | IgG1                                                                  |
| Characteristics: | Synonyms: CMV                                                         |
| Purification:    | Purified                                                              |

## Target Details

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Target:           | Cytomegalovirus (CMV)                                  |
| Alternative Name: | Cytomegalovirus / CMV ( <a href="#">CMV Products</a> ) |
| Target Type:      | Virus                                                  |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | CMV is a member of the herpesvirus family. CMV is a DNA virus that is widespread in the general population and characterized by its ability to give rise to persistent latent infections. The virus is the largest of the herpesviruses and has the largest genome of any known virus. CMV is transmitted by the parenteral route and persists latently in circulating leukocytes and endothelial cells lining the walls of blood vessels. CMV lyses cells by disrupting the cytoskeleton and causing massive cell enlargement.Synonyms: HCMV, HHV5 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Application Details

|                    |                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | ELISA. Immunofluorescence. Immunohistochemistry on Frozen Sections.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions:      | For Research Use only                                                                                                                                                                        |

## Handling

|                    |                                                                                                                                                                                                                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 1.0 mg/mL                                                                                                                                                                                                                                                                                         |
| Buffer:            | Phosphate buffered saline, pH 7.2, 0.09 % Sodium Azide                                                                                                                                                                                                                                            |
| Preservative:      | Sodium azide                                                                                                                                                                                                                                                                                      |
| Precaution of Use: | This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1-1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                                                                                                                                                                                              |
| Storage:           | 4 °C/-20 °C                                                                                                                                                                                                                                                                                       |
| Storage Comment:   | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -28 °C for longer.<br>Shelf life: one year from despatch.                                                                                                                                                                |
| Expiry Date:       | 12 months                                                                                                                                                                                                                                                                                         |