

## Product datasheet for **AM05468PU-N**

### Cytomegalovirus / CMV Early Antigen Mouse Monoclonal Antibody [Clone ID: 1/42]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1/42
Applications:	ELISA, IF, IHC
Recommended Dilution:	<b>ELISA.</b> <b>Immunofluorescence.</b> <b>Immunohistochemistry on Frozen Sections.</b>
Reactivity:	Cytomegalovirus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Partially purified extracts of strain AD169 infected HEL fibroblasts.
Specificity:	This antibody is specific for Human Cytomegalovirus and can be used to detect an early antigen 6-12 hours post infection. It <b>does not</b> react with laboratory strains of Adenovirus type 7 or other Human Herpes viruses.
Formulation:	Phosphate buffered saline, pH 7.2 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**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