



Anti-CMV polyclonal antibody (DPAB0183)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Specificity | Predominant reactivity to glycoprotein B (gB). Does not react with HSV and VZV by indirect immunofluorescence. Negative against HEp-2 cells and human fibroblasts by immunofluorescence. |
| Immunogen | Purified virions of Strain AD169 |
| Source/Host | Goat |
| Species Reactivity | N/A |
| Purification | 95% pure. Sodium sulfate precipitation and ion-exchange chromatography |
| Conjugate | Unconjugated |
| Applications | Suitable for use in IFA, immunocytochemistry and Western blot. Also suitable for conjugation purposes. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. |
| Format | Purified, Liquid |
| Concentration | 4–5mg/ml(OD280nm, E0.1% = 1.4) |
| Size | 1 ml |
| Buffer | 0.01M PBS, pH 7.2 Product contains no stabilizing proteins. |
| Preservative | 0.1% Sodium Azide |
| Storage | Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. |

BACKGROUND

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| Introduction | Cytomegalovirus is a member of the herpes virus group, which includes herpes simplex virus types 1 and 2, varicella zoster virus (which causes chicken pox), and Epstein Barr virus (which causes infectious mononucleosis). These viruses share a characteristic ability to remain dormant within the body over a long period. |
| Keywords | Cytomegalovirus; 55 kDa immediate-early protein 1; 45 kDa immediate-early protein 2; CMV; Envelope glycoprotein B; gB; Glycoprotein B; HHV 5; HHV5; herpesvirus 5; IE1; IE2; UL122; UL122 regulatory protein IE2; UL123; UL123 regulatory protein IE1; UL55; UL55 envelope glycoprotein B; Herpesviridae; Betaherpesvirinae; Group I |