

Product datasheet

Anti-Cytomegalovirus ICP36 antibody [CH13] ab53482

Overview

Product name	Anti-Cytomegalovirus ICP36 antibody [CH13]
Description	Mouse monoclonal [CH13] to Cytomegalovirus ICP36
Specificity	ab53482 is reactive with ICP36 of Cytomegalovirus.
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with Cytomegalovirus
Immunogen	The details of the immunogen for this antibody are not available.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS, pH 7.4
Purity	Protein G purified
Clonality	Monoclonal
Clone number	CH13
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab53482** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 10 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.

Target

Relevance

In extracts from CMV-infected cells, the CMV DNA polymerase is found strongly associated with the additional polypeptide, ICP36. This protein has been identified as the CMV homolog of the herpes simplex virus type 1 UL42 gene product and may have a similar function. HCMV DNA polymerase and ICP36 expressed in the same system interact to form a stable complex. Moreover, ICP36 functions to stimulate the DNA polymerase activity in a template-dependent manner.

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