

Product datasheet

Anti-Dengue Virus 1+2+3+4 antibody [D1-11(3)] ab9202

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Overview

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|----------------------------|---|
| Product name | Anti-Dengue Virus 1+2+3+4 antibody [D1-11(3)] |
| Description | Mouse monoclonal [D1-11(3)] to Dengue Virus 1+2+3+4 |
| Host species | Mouse |
| Specificity | This hybridoma antibody reacts with each dengue serotype in dot blot, ELISA and fluorescent antibody tests. Its reactivity has been confirmed by CDC. |
| Tested applications | Suitable for: Dot blot, ELISA, WB, ICC/IF |
| Species reactivity | Reacts with: Dengue virus 1, Dengue virus 2, Dengue virus 3, Dengue virus 4 |
| Immunogen | Mice were immunized with a mixture of dengue 1, 2, 3 and 4. |
| General notes | The myeloma cell line used as a fusion partner produces small amounts of IgG1, therefore IgG1 is sometimes present in the preparation. |

Properties

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|-----------------------------|--|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.20 Preservative: 0.05% Sodium azide Constituent: PBS |
| Purity | Protein A purified |
| Purification notes | All hybridoma proteins are produced from tissue culture and purified using Protein A- affinity chromatography. |
| Clonality | Monoclonal |
| Clone number | D1-11(3) |
| Myeloma | unknown |
| Isotype | IgG2a |
| Light chain type | kappa |

Applications

Our [Abpromise guarantee](#) covers the use of **ab9202** 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 |
|-------------|-----------|---|
| Dot blot | | Use at an assay dependent concentration. |
| ELISA | | Use at an assay dependent concentration. |
| WB | | Use a concentration of 1 µg/ml. Please note that the reactivity of this antibody varies between strains and various isolates, therefore, a single dilution may not be appropriate for each situation. |
| ICC/IF | ★★★★★ | Use at an assay dependent concentration. |

Target

Relevance Dengue and dengue hemorrhagic fever (DHF) are caused by one of four closely related, but antigenically distinct, virus serotypes (DEN1, DEN2, DEN3, and DEN4), of the genus Flavivirus.

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