

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

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Overview

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
Species reactivity	Reacts with: Dengue virus 1, Dengue virus 2, Dengue virus 3, Dengue virus 4
Immunogen	Tissue, cells or virus corresponding to Dengue Virus 1+2+3+4. Mice were immunized with a mixture of dengue 1, 2, 3 and 4.
General notes	<p>The myeloma cell line used as a fusion partner produces small amounts of IgG1, therefore IgG1 is sometimes present in the preparation.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

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: 0.09% 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

The Abpromise guarantee 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.

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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