

Dengue Virus Types 1,2,3,4 monoclonal antibody, clone BDI419

Catalog # MAB4043

Size 1 mg

Specification

| | |
|----------------------------|--|
| Product Description | Mouse monoclonal antibody raised against Dengue virus Types 1,2,3,4. |
| Immunogen | Mixture of Dengue 1, 2, 3 and 4. |
| Host | Mouse |
| Reactivity | Viruses |
| Specificity | Reacts with each dengue serotype in dot blot, ELISA and fluorescent antibody tests. The reactivity of this antibody varies between strains and various isolates, therefore, a single dilution may not be appropriate for each situation. The myeloma cell line used as a fusion partner produces small amounts of IgG1, therefore IgG1 is sometimes present in the IgG2a, k preparation. |
| Form | Liquid |
| Purification | Protein A Chromatography |
| Isotype | IgG2a, kappa |
| Recommend Usage | The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.2 (0.09% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Immunofluorescence
- Dot Blot

- Enzyme Immunoassay

Publication Reference

- [Immunogenicity of a novel tetravalent dengue envelope protein domain III-based antigen in mice.](#)

Fahimi H, Sadeghizadeh M, Hassan ZM, Auerswald H, Schreiber M.

EXCLI Journal 2018 Nov; 1054:1086.

Application: WB-Tr, Monkey, Vero cells