

Product datasheet

anti-Double strand DNA mouse monoclonal, AE-2, purified

Short overview

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| Cat. No. | 691529 |
| Quantity | 1 ml (100 µg/ml) |
| Concentration | 100 µg/ml |

Product description

| | |
|----------------------|--|
| Host | Mouse |
| Antibody Type | Monoclonal |
| Isotype | IgG3 kappa |
| Clone | AE-2 |
| Immunogen | Nuclei of Raji Burkitts lymphoma cells |
| Formulation | PBS with 0.02% sodium azide |
| Conjugate | Unconjugated |
| Purification | Affinity chromatography |
| Storage | 2-8°C |
| Intended use | Research use only |
| Application | FACS, ICC/IF, IHC |
| Reactivity | All eukaryotes |

Applications

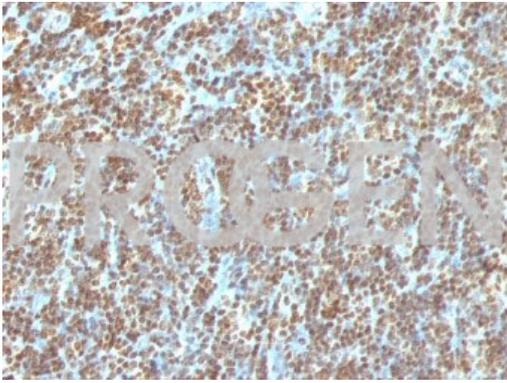
| | |
|--|--|
| Flow Cytometry (FACS) | 1-2 µg/million cells in 0.1 ml, fix cells in 4% PFA for 10 min at 4°C, permeabilize with 0.2% saponin or digitonin for 15 min at 4°C |
| Immunocytochemistry (ICC) | 1:50-1:100 (1-2 µg/ml) |
| Immunohistochemistry (IHC) - frozen | 1:50-1:100 (1-2 µg/ml) |
| Immunohistochemistry (IHC) - paraffin | 1:50-1:100 (1-2 µg/ml; microwave treatment in 4 N HCl recommended) |

Background

AE-2 recognizes double stranded DNA expressed in the nucleus of eukaryotes.

Positive control: human tonsil.

Product images



Human tonsil