

Product datasheet

anti-IgA (human) mouse monoclonal, EBS-huA, purified

Short overview

Cat. No. 691629

Quantity1 ml (100 μ g/ml)Concentration100 μ g/ml

Product description

HostMouseAntibody TypeMonoclonalIsotypeIgG1 kappaCloneEBS-huA

ImmunogenHuman salivary proteinsFormulationPBS with 0.02% sodium azide

Conjugate Unconjugated

Purification Affinity chromatography

Storage 2-8°C

Intended use Research use only

Application ELISA, FACS, IHC, IP, WB

Reactivity Human

Applications

ELISA Assay dependent

Flow Cytometry (FACS) 0.5-1.0 μg/million cells in 0.1 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 10 mM citrate buffer

pH 6.0 recommended)

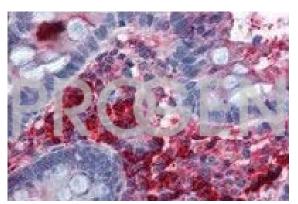
Immunoprecipitation (IP)Assay dependentWestern Blot (WB)1:50-1:100 (1-2 μg/ml)

Background

EBS-huA recognizes the third constant domain (CH3) of the alpha chain of human IgA and reacts with both IgA1 and IgA2 isotypes and not with other types of immunoglobulins. IgA type antibodies are secreted by B-cells associated with mucosal epithelia and therefore indicate malignancy if found in lymphoid infiltrates at other locations. Detection of IgA antibodies to EBV in serum may indicate nasopharyngeal carcinoma. Rising IgA anti EBV levels are associated with progression of disease.

Positive control: human mucosal membranes, saliva.

Product images



Human colon