

Product datasheet

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

Short overview

Cat. No.	691629
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	EBS-huA
Immunogen	Human salivary proteins
Formulation	PBS 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 dependent
Western 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