Product datasheet

anti-EBV EA (p50-55) mouse monoclonal, 1108-1, purified

Short overview

Cat. No.	691526
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	1108-1
Immunogen	Immunoprecipitated EBV early antigens
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, IP
Reactivity	Human

Applications

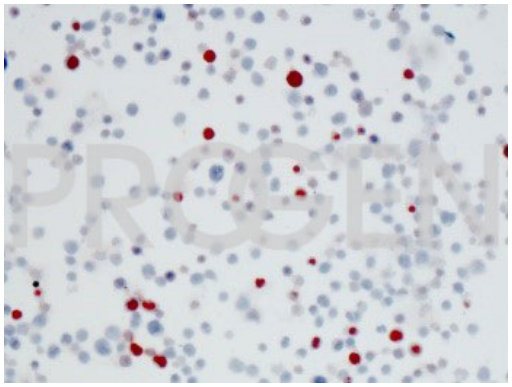
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunoprecipitation (IP)	Assay dependent

Background

1108-1 recognizes a 55-50 kDa polypeptide associated with the early antigen of Epstein-Barr virus (EBV). p55 has been shown to be a phosphoprotein and p55-50 has strong DNA-binding activity preferentially to single-stranded DNA. Epstein-Barr virus is the causitive agent of infectious mononucleosis and is associated with two human neoplasms, Burkitt's lymphoma and nasopharyngeal carcinoma. Several EBV-related antigens associated with early or late functions of the viral genome have been identified. The early antigen may be virally or chemically induced in EBV infected cells and is the first detectable marker of EBV infection in human cells.

Positive control: chemically induced Raji cells.

Product images



Activated Raji cells