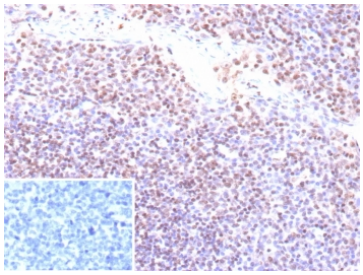
Recombinant EBV Antibody / Epstein-Barr Virus [clone EBV/9620R] (V5374)

Catalog No.	Formulation	Size
V5374-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5374-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5374SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

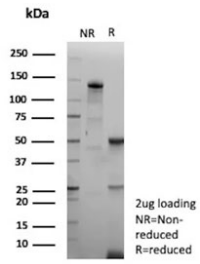
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	EBV/9620R
Purity	Protein A/G affinity
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant EBV antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with recombinant EBV antibody (clone EBV/9620R). Inset: PBS used in place of primary Ab (secondary Ab negative control).



SDS-PAGE analysis of purified, BSA-free recombinant EBV antibody (clone EBV/9620R) as confirmation of integrity and purity.

Description

This antibody is specific to 60kDa latent membrane protein (LMP-1) encoded by the BNLF1 gene of the EBV. This antibody stains strongly with EBV-positive lymphoblastoid cell lines and EBV infected B cell immunoblasts in infectious mononucleosis. EBV, also designated human herpesvirus 4 (HHV-4), is a member of the herpesvirus family and is one of the most common human viruses. EBV infects B cells and, though often asymptomatic, it can cause infectious mononucleosis, a disease characterized by fatigue, fever, sore throat and muscle soreness.

Application Notes

Optimal dilution of the recombinant EBV antibody should be determined by the researcher.

Immunogen

A recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the carboxyl half of EBV-encoded LMP protein was used as the immunogen for the recombinant EBV antibody.

Storage

Aliquot the recombinant EBV antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.