

Recombinant Epstein-Barr Virus (LMP-1) Antibody

Rabbit Monoclonal Antibody [Clone EBV/12703R]

Catalog No	Format	Size
RBM13-12703-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
RBM13-12703-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
RBM13-12703-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

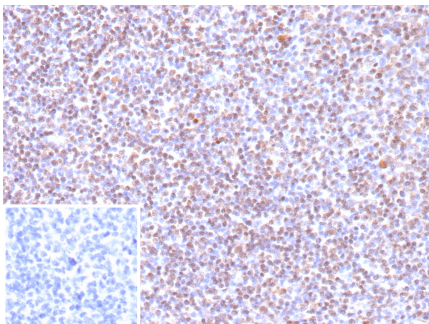
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	EBV/12703R
Gene Name	LMP1
Immunogen	Recombinant fusion protein containing the sequence of bacterial beta-galactosidase and the carboxyl half of EBV-encoded LMP
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	60kDa
Cellular Localization	Host cell membrane
Species Reactivity	EBV
Positive Control	EBV-infected cells. Tissues.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Epstein-Barr Virus (LMP-1) Antibody



Formalin-fixed, paraffin-embedded human tonsil stained with EBV Recombinant Rabbit Monoclonal Antibody (EBV/12703R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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