Anti-LMP2A [14B7] Standard Size Ab01294-7.1

Isotype and Format: Rat IgG2a, Kappa
Clone Number: 14B7
Alternative Name(s) of Target: Latent membrane protein 2A
UniProt Accession Number of Target Protein: A8CDV5
Published Application(s): IB, IP, WB, ELISA, IF
Published Species Reactivity: Epstein-Barr virus
Immunogen: This antibody was raised by immunising Lou/C rats with a bacterial trpE-LMP2A fusion protein.
Specificity: This antibody is specific for Epstein-Barr virus LMP2A, and reacts with an epitope encompassing amino acids 36 to 64.
Application Notes: The specificity of this antibody for LMP2A has been confirmed in ELISA analysis and immunofluorescence and immunoblot analysis with a baculovirus-expressed LMP2A protein (Fruehling et al, 1996). This antibody has also been used in immunoprecipitation, immunofluorescence and immunoblot analysis of LMP2A-transfected BJAB cell lysates (Fruehling et al, 1996; Rovedo et al, 2007) and lymphoblastoid cell lines transformed with LMP2AY112F mutant EBV (Fruehling et al, 1998). Additionally, this antibody has been used in Western blot analysis of whole cell lysates of LMP2A-transfected BJAB, HaCat and HEK293 cells (Anderson et al, 2008).
Antibody First Published in: Fruehling et al. Identification of latent membrane protein 2A (LMP2A) domains essential for the LMP2A dominant-negative effect on B-lymphocyte surface immunoglobulin signal transduction. J Virol. 1996 Sep;70(9):6216-26. PMID:8709248
Note on publication: Describes the original generation of this antibody, and the characterisation of its specificity in immunoprecipitation, immunofluorescence and immunoblot analysis.

Product Form

Size: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4^{o}C for up to 3 months. For longer storage, aliquot and store at -20^{o}C.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.