Monoclonal Anti-E2b Tag

Catalog# BTL1004

Lot # Check on the product label

Size 100μg

Isotype IgG1

Host Mouse

Reactivity
All

Specificity
Recognize C-terminal, internal and N-terminal E2b tagged proteins.

Product Form Liquid (1mg/ml)

Immunogen
A synthetic peptide GVSSTSSDFRDR conjugated to KLH.

Recommend Application
Western Blot (1:1000-10000)
Other applications have not been tested.
The optimal dilutions should be determined by end user.

Storage Buffer
In PBS (pH7.4), 50% Glycerol and 0.02% Sodium Azide.

Storage Instruction
Store at -20°C for 1 year. Or aliquot and store at -80°C for long term.
Avoid repeated freeze and thaw cycles.

Background
E2 Tags are 10-amino acids (epitope E2a: SSTSSDFRDR)- and 12 amino acids (epitope E2b: GVSSTSSDFRDR)-long peptides derived from the E2 protein of bovine papillomavirus type 1. The modules for C-terminal tagging with E2a and E2b epitopes were constructed by the modification of the pYM-series plasmid. The N-terminal E2a and E2b tagging modules were based on pOM-series plasmid.

Reference
1. Tiina Tamm. Plasmids with E2 epitope tags: tagging modules for N- and C-terminal PCR-based gene targeting in both budding and fission yeast, and inducible expression vectors for fission yeast. Yeast Volume 26, Issue 1, pages 55–66, January 2009.

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