PE-Labeled Mouse H-2K(b)&B2M&OVA (SIINFEKL) Tetramer Protein

Catalog # H2KB-HP003

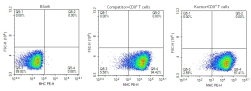
Product Details

Product description	Recombinant PE-Labeled Mouse H-2K(b)&B2M&OVA (SIINFEKL) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. PE-Labeled Mouse H-2K(b)&B2M&OVA (SIINFEKL) Tetramer is assembled by biotinylated monomer and PE-labeled streptavidin. It contains His24-Pro297 (H-2K(b)), Ile21-Met119 (B2M) and SIINFEKL peptide (accession: P01901(H-2K(b)) & P01887(B2M) &SIINFEKL).
Molecular aliases	H-2K; OVA; MHC; H2-K1;
Expression system	HEK293
Formulation	Supplied as 0.22 μm filtered solution in PBS, 0.2% BSA (pH 7.4).
Storage	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Activity validation	Activity verified

Protein Integrity

Flow Cytometry

Representative product-page data



Reported result

PE-Labeled Mouse H-2K(b)&B2M&OVA (SIINFEKL) Tetramer can specifically bind to CD8+, OVA-specific T cells from OT-I TCR transgenic mice. Cells were incubated with 10 μg/ml PE-Labeled Mouse H-2K(b)&B2M&OVA (SIINFEKL) Tetramer.