PE-Labeled Human HLA-A*02:01&B2M&NY-ESO-1 (SLLMWITQC) Tetramer Protein

Catalog # NYESO1-HP010

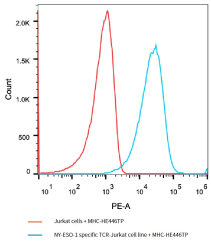
Product Details

Product description	Recombinant PE-Labeled Human HLA-A*02:01&B2M&NY-ESO-1 (SLLMWITQC) Tetramer Protein is expressed from E.coli with His tag and Avi tag at the C-terminus. PE-Labeled Human HLA-A*02:01&B2M&NY-ESO-1 (SLLMWITQC) Tetramer is assembled by biotinylated monomer and PE-Labeled streptavidin. It contains Gly25-Thr305 (HLA-A*02:01), Ile21-Met119 (B2M) and SLLMWITQC peptide (accession: A0A140T913(HLA-A*02:01) & P61769(B2M) &SLLMWITQC).
Molecular aliases	MHC; MY-ESO-1; CT6.1; LAGE-2; CTAG1; CTAG1B; ESO1CTAG; LAGE2A; NY-ESO-1; CTAG1A
Expression system	E. coli
Formulation	Supplied as 0.22 μm filtered solution in 20mM Tris, 200mM NaCl, 0.2% BSA (pH 8.0).
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

1E6 of NY-ESO-1 specific TCR-Jurkat cell line were stained with 100 ul of 10 ug/ml PE-Labeled Human HLA-A*02:01&B2M&NY-ESO-1 (SLLMWITQC) Tetramer Protein (Cat. No. MHC-HE446TP) and non-transfected Jurkat cells and PE-Labeled protein were used as negative control. PE signal was used to evaluate the binding activity. (QC Test)