
Product Data Sheet

Anti HLA class I-A, B, C , Mouse Monoclonal antibody

Conjugation : Biotin

Catalog No. : AB-46-B Lot No. : Exp. :
Quantity : 100 μ L / vial (1mg / mL)
Clone : EMR8-5
Isotype : IgG1- κ
Buffer : Phosphate buffered saline pH7.4 , 0.05% Sodium Azide
Immunogen : recombinant HLA-A*2402 extracellular domain
Specificity : Heavy chains of HLA-A, HLA-B, HLA-C
Applications : Immunohistochemistry (formalin-fixed tissue , 1:50~1:100)
Western blotting
Storage : Store at 2~8°C, For long-term storage aliquot and store at -20°C. Avoid freeze /
thaw cycles.

References :

1. Torigoe T, Asanuma H, Nakazawa E, et al. Establishment of a anti-pan HLA class I antibody suitable for immunostaining of formalin-fixed tissue: unusually high frequency of down-regulation in breast cancer tissues. *Pathol Int.* 62(5) 303-8 , 2012
2. Tsukahara T, Kawaguchi S, Torigoe T, et al Prognostic significance of HLA class I expression in osteosarcoma defined by anti-pan HLA class I monoclonal antibody, EMR8-5. *Cancer Sci* 97: 1374-1380, 2006
3. Kitamura H, Torigoe T, Honma I, et al Effect of human leukocyte antigen class I expression of tumor cells on outcome of intravesical instillation of bacillus calmette-guerin immunotherapy for bladder cancer. *Clin Cancer Res* 12: 4641-4644, 2006
4. Komori H, Nakatsura T, Senju S, et al Identification of HLA-A2- or HLA-A24-restricted CTL epitopes possibly useful for glypican-3-specific immunotherapy of hepatocellular carcinoma. *Clin Cancer Res* 12: 2689-2697, 2006
5. Kitamura H, Torigoe T, Honma I, et al Expression and antigenicity of survivin, an inhibitor of apoptosis family member, in bladder cancer: implications for specific immunotherapy. *Urology* 67: 955-959, 2006

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