

---

Product Data Sheet

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

Conjugation : HRP

Catalog No. : AB-46-H                      Lot :                      Exp. :  
Quantity : 100µL/vial ( 1mg/mL )  
Clone : EMR8-5  
Isotype : IgG1  
Buffer : Phosphate buffered saline pH7.4 , 0.05% ProClin 300  
Immunogen : recombinant HLA-A\*2402 extracellular domain  
Specificity : Heavy chains of HLA-A, HLA-B, HLA-C  
Applications : Immunohistochemistry (formalin-fixed tissue )  
Western blotting  
Optimal dilutions / concentrations should be determined by the user.  
Storage : Store at 2~8°C. Do not freeze.

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

*For research and in vitro use only. Not for diagnostic or therapeutic work.*

---

HOKUDO CO., LTD

4-28, West 10, Hachiken 9jyo, Nishi-ku, Sapporo, 064-0849, JAPAN

TEL : 81-11-641-7507 FAX : 81-11-644-9209

e-mail : [info@hokudo.co.jp](mailto:info@hokudo.co.jp) URL : <http://www.hokudo.co.jp>