

Mouse monoclonal anti human MHC Class I **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0239
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Recombinant human MHC Class I
Ig Type:	Mouse IgG1
Clone	AP-MAB1639
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IHC, IP, WB and Functional Assays

Description: MHC class I antigens associated with β 2-microglobulin are expressed by all human nucleated cells. MHC class I molecules are involved in presentation of antigens to CD8+ T cells. They play an important role in cell-mediated immune responses and tumor surveillance.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **Recombinant human CD3e**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μ m filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles**. Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** Extremely low level of LPS (< 0.002EU/μg IgG)

Application(s):

1. FC
2. IHC and ICC
3. IP
4. WB (for detection of HLA-A, -B and -C of human origin)
5. Functional Assays (blocking, inhibition of NK cell-mediated lysis, and activation)

*** The antibody is produced by in vitro culture and for research use only**