

Mouse monoclonal anti human CD3e (Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0238
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Recombinant human CD3e
Ig Type:	Mouse IgG1
Clone	AP-MAB1638
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IHC, IP, WB and Functional Assay

Description: CD3ε is a 20 kD chain of the CD3/T-cell receptor (TCR) complex which is composed of two CD3ε, one CD3γ, one CD3δ, one CD3ζ (CD247), and a T-cell receptor (α/β or γ/δ) heterodimer. It is found on all mature T cells, NKT cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation.

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 μm 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
5. Functional Assay (activation of T cells)

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