

## Hamster monoclonal anti mouse CD154 (CD40L) (Azide-free & Low endotoxin)

### ORDERING INFORMATION

<b>Catalog Number:</b>	<b>gAP-0013</b>
<b>Size:</b>	<b>1.00 mg</b>
<b>Storage:</b>	<b>&lt; -20° C</b>
<b>Immunogen:</b>	<b>Activated mouse Th1 cells</b>
<b>Ig Type:</b>	<b>Hamster IgG</b>
<b>Clone</b>	<b>AP-MAB0820</b>
<b>Endotoxin Level</b>	<b>&lt; 0.002EU/μg IgG*</b>
<b>Applications:</b>	<b>FC, IHC (Frozen), and Blocking</b>

**Description:** CD154 is a 39 kD TNF superfamily member also known as CD40 ligand, gp39, T-BAM, TRAP, and Ly-62. CD154 is an accessory molecule expressed predominantly on activated CD4+ lymphocytes that bind CD40. CD154 plays an important role in T-B cell costimulation.

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a Hamster immunized with **Activated mouse Th1 cells**).

**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 (Frozen)**
3. **Inhibiting the activation of T and B lymphocytes in vitro and antigen-specific lymphocyte responses in vivo.**

\* The antibody is produced by in vitro culture and for Research Use Only.