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## Data Sheet

### Anti-LAG3, Neutralizing Antibody

Recombinant, Human Monoclonal  
**Catalog #:** 71219  
**Lot #:** 161012      **Conc.:** 8.79 mg/ml

**Host Species | Isotype:**  
Human | IgG1

**Formulation:** 8 mM Phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

**Stability:** Stable for at least 12 months at -80°C. Avoid freeze/thaw cycles. Store diluted antibody with carrier protein (BSA 0.1 – 0.5%) at 4°C, stable for 2 weeks.

**References:**

1. Byrnes, et al., Cytometry A. 2012 Sep;81(2):165-8.
2. Di Carlo, et al., J. Pathol. 2005 Jan; 205(1):82-91.

**Description:** Neutralizing recombinant human antibody recognizing the Lag-3 binding region.

**EC50:** 0.58 µg/ml BPS LAG3 Reporter Cell Line (BPS Cat. #71278).

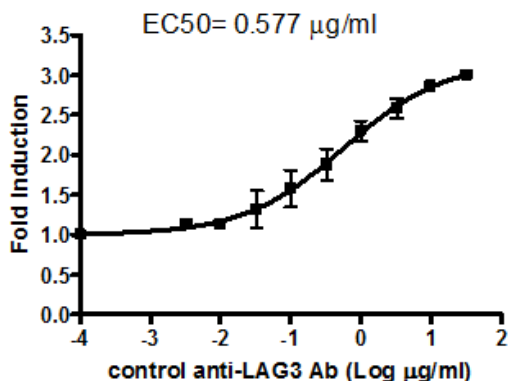
**Assay Conditions:** Anti-LAG3 Neutralizing Antibody was added at various concentrations to the LAG-3/NFAT Reporter Jurkat cells (BPS Cat. #71278) co-cultured with superantigen-loaded Raji cells and luciferase activity was measured using ONE-Step Luciferase Assay System (BPS Cat. #60690)

**Purification:** Protein A affinity chromatography from HEK293 supernatants.

**Application:** Useful as a reference antibody for screening LAG-3 neutralizing antibodies.

### Quality Assurance

#### Neutralizing Anti-LAG3 Activity



**Figure 1.** Dose response of anti-LAG3 neutralizing antibody in LAG-3/NFAT Reporter-Jurkat cells (BPS Cat #71278).

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