

# Product Data Sheet

## Purified anti-mouse BTNL2

**Catalog # / Size:** 130401 / 50 µg

**Clone:** 3-6H2

**Isotype:** Rat IgG2a, κ

**Immunogen:** Recombinant BTNL2

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

**Concentration:** 0.5 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C.

## Applications:

**Applications:** FC - *Quality tested*  
WB ELISA, - *Reported in the literature*

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 1.0 µg per 10<sup>6</sup> cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

**Description:** BTNL2 is a member of butyrophilin family located in the MHC locus. Structurally it is homologous to the B7 series of costimulatory molecules. Recent studies have shown that BTNL2 is associated with incidence of autoimmune diseases, including sarcoidosis and mycositis. Preliminary data showed that it is implicated in the T cell activation and regulation.

**Antigen References:** 1. Nguyen T, *et al.* 2006. *J. Immunol.* 176:7354.  
2. Arnett HA, *et al.* 2007. *J. Immunol.* 178:1523.

### Related Products:

**Product**  
Purified Rat IgG2a, κ Isotype Ctrl  
Cell Staining Buffer  
RBC Lysis Buffer (10X)

**Clone**  
RTK2758

**Application**  
FC, ICC, IF, IHC, IP, WB  
FC, ICC, ICFC  
FC, ICFC



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