

# Product Data Sheet

## Alexa Fluor® 488 anti-human Ig light chain $\lambda$

**Catalog # / Size:** 316612 / 100 tests

**Clone:** MHL-38

**Isotype:** Mouse IgG2a,  $\kappa$

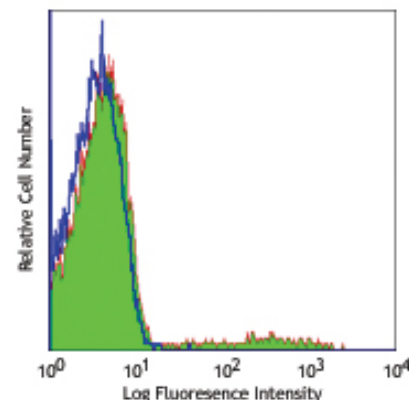
**Immunogen:** Human Ig cocktail

**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 488 under optimal conditions. The solution is free of unconjugated Alexa Fluor® 488.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

**Storage:** The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood lymphocytes stained with MHL-38 Alexa Fluor® 488

## Applications:

**Applications:** FC - Quality tested

**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 5  $\mu$ l per million cells or 5  $\mu$ l per 100  $\mu$ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

\* Alexa Fluor® 488 has a maximum emission of 519 nm when it is excited at 488 nm.

\*\* Alexa Fluor® is a registered trademark of Molecular Probes, Inc. Alexa Fluor® dye antibody conjugates are sold under license from Molecular Probes, Inc. for research use only, except for use in combination with microarrays and high content screening, and are covered by pending and issued patents.

**Description:** The MHL-38 antibody reacts with both soluble and membrane human immunoglobulin light chain lambda ( $\lambda$ ). It does not react with human immunoglobulin light chain kappa ( $\kappa$ ) or heavy chain ( $\mu$ ). The MHL-38 antibody can be used as primary or secondary reagent for immunofluorescent staining or ELISA analysis.

### Related Products:

**Product**  
 Cell Staining Buffer  
 Alexa Fluor® 488 Mouse IgG2a,  $\kappa$  Isotype Ctrl  
 Human TruStain FcX™ (Fc Receptor Blocking Solution)

### Clone

MOPC-173

### Application

FC, ICC, ICFC  
 FC, ICFC  
 FC, ICC, ICFC



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