

# Product Data Sheet

## PE anti-human Ig light chain $\kappa$

**Catalog # / Size:** 316507 / 25 tests  
 316508 / 100 tests

**Clone:** MHK-49

**Isotype:** Mouse IgG1,  $\kappa$

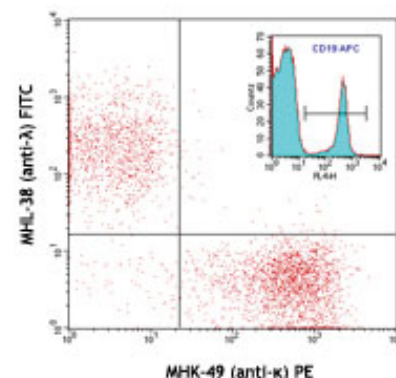
**Immunogen:** Human Ig cocktail

**Reactivity:** Human

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

**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.**



CD19<sup>+</sup> human B-lymphocytes stained with MHL-38 (anti- $\lambda$ ) FITC and MHK-49 (anti- $\kappa$ ) PE

## Applications:

**Applications:** FC, ICFC - *Quality tested*

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20  $\mu$ l to 5  $\mu$ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100  $\mu$ l staining volume or per 100  $\mu$ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at [www.biolegend.com/testsize](http://www.biolegend.com/testsize) regarding the test size change.

**Description:** The MHK-49 antibody reacts with both soluble and membrane human immunoglobulin light chain kappa ( $\kappa$ ). It does not react with human immunoglobulin light chain lambda ( $\lambda$ ) or heavy chain ( $\mu$ ). The MHK-49 antibody can be used as primary or secondary reagent for immunofluorescent staining or ELISA analysis.

Related Products:	Product	Clone	Application
	Cell Staining Buffer		FC, ICC, ICFC
	PE Mouse IgG1, $\kappa$ Isotype Ctrl (FC)	MOPC-21	FC
	Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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