SONY

Product Data Sheet

Purified anti-human Granzyme K

Catalog # / Size: 2452510 / 100 µg

Clone: GM26E7

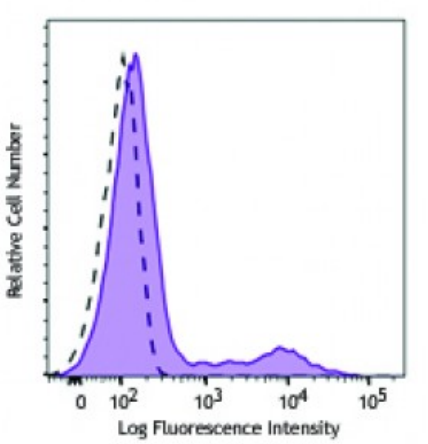
Isotype: Mouse IgG1, κ

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

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

Concentration: 0.5



Human peripheral blood lymphocytes were fixed, permeabilized, and intracellularly stained with purified Granzyme K (clone GM26E7, filled histogram) or purified mouse IgG1, κ isotype control (open histogram) followed by anti-mouse IgG1 PE.

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.25 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: Granzyme K is a 29 kD serine protease found in cytoplasmic granules of cytotoxic lymphocytes and NK cells. Granzyme K is thought to induce cell death and lysis in response to non-self antigens on the cell surface by cleaving nucleosome assembly protein SET. Granzyme K is upregulated in several diseases associated with inflammation including arthritis, atherosclerosis, and asthma.

Antigen References:

1. Vrazo AC*, et al.* 2015. *Blood* 126.
2. Cooper DM, *et al.* 2011. *PLoS. One* 6.
3. Wensink AC, *et al.* 2015. *J. Immunol.* 194:491.
4. Zhao T, *et al.* 2007. *Cell Death Differ.* <

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