## PE anti-human Granzyme K

Catalog # / Size:	2452560 / 100 tests 2452555 / 25 tests
Clone:	GM26E7
Isotype:	Mouse IgG1, к
<b>Reactivity:</b>	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).
Concentration:	Lot-specific



Human peripheral blood lymphocytes were stained with CD8 FITC, fixed, permeabilized, and intracellularly stained with anti-human Granzyme K antibody (clone GM26E7) PE (top), or mouse IgG1, κ PE isotype control.

## **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 5 microL per million cells or 5 microL per 100 microL of whole blood. 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	1. Vrazo AC, et al. 2015. Blood 126.
<b>References:</b>	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. <