

## GZMK Conjugated Antibody

Catalog No: #C40180



Package Size: #C40180-AF350 100ul #C40180-AF405 100ul #C40180-AF488 100ul  
 #C40180-AF555 100ul #C40180-AF594 100ul #C40180-AF647 100ul  
 #C40180-AF680 100ul #C40180-AF750 100ul #C40180-Biotin 100ul

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## Description

|                       |                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | GZMK Conjugated Antibody                                                                                                                                                     |
| Host Species          | Rabbit                                                                                                                                                                       |
| Clonality             | Polyclonal                                                                                                                                                                   |
| Species Reactivity    | Hu                                                                                                                                                                           |
| Specificity           | The antibody detects endogenous levels of total GZMK protein.                                                                                                                |
| Immunogen Description | Synthetic peptide corresponding to a region derived from internal residues of human granzyme K (granzyme 3; tryptase II)                                                     |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750                                                                                                                       |
| Other Names           | TRYP2                                                                                                                                                                        |
| Accession No.         | Swiss-Prot#:P49863NCBI Gene ID:3003NCBI Protein#:NP_002095                                                                                                                   |
| Uniprot               | P49863                                                                                                                                                                       |
| GeneID                | 3003;                                                                                                                                                                        |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide                                                                                  |
| Storage               | Store at 4°C in dark for 6 months                                                                                                                                            |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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This gene product is a member of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here lacks consensus sequences for N-glycosylation present in other granzymes.

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Note: This product is for in vitro research use only