

GZMH Conjugated Antibody

Catalog No: #C43676



Package Size: #C43676-AF350 100ul #C43676-AF405 100ul #C43676-AF488 100ul
 #C43676-AF555 100ul #C43676-AF594 100ul #C43676-AF647 100ul
 #C43676-AF680 100ul #C43676-AF750 100ul #C43676-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | GZMH Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total GZMH protein. |
| Immunogen Description | Synthetic peptide of human GZMH |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | CCP-X;CGL-2;CSP-C;CTLA1;CTSG2 |
| Accession No. | Swiss-Prot#:P20718NCBI Gene ID:2999NCBI mRNA#:NCBI Protein#:NP_219491 |
| Uniprot | P20718 |
| GeneID | 2999; |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Calculated MW | 27 |
| 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

This gene encodes a member of the peptidase S1 family of serine proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a chymotrypsin-like protease. This protein is reported to be constitutively expressed in the NK (natural killer) cells of the immune system and may play a role in the cytotoxic arm of the innate immune response by inducing target cell death and by directly cleaving substrates in pathogen-infected cells. This gene is present in a gene cluster with another member of the granzyme subfamily on chromosome 14.

Note: This product is for in vitro research use only