

Datasheet for ABIN6963894  
**anti-IL-5 antibody**

5 Publications



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## Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 1 mg                                |
| Target:      | IL-5 (IL5)                          |
| Reactivity:  | Human, Non-Human Primate            |
| Host:        | Rat                                 |
| Clonality:   | Monoclonal                          |
| Conjugate:   | This IL-5 antibody is un-conjugated |
| Application: | ELISA, ELISpot                      |

## Product Details

|                             |                                                                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | Recombinant mouse IL-5                                                                                                                         |
| Clone:                      | TRFK5                                                                                                                                          |
| Isotype:                    | IgG1                                                                                                                                           |
| Specificity:                | Native and recombinant IL-5                                                                                                                    |
| Cross-Reactivity (Details): | The monoclonal antibody cross-reacts with IL-5 from non-human primates.                                                                        |
| Characteristics:            | This monoclonal antibody enables specific detection of human IL-5 in immunoassays such as ELISpot, FluoroSpot, and ELISA. Serum/Plasma samples |
| Purification:               | Purified from in vitro cultures by protein G affinity chromatography.                                                                          |
| Sterility:                  | 0.2 µm filtered                                                                                                                                |

## Target Details

|                   |                                                                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | IL-5 (IL5)                                                                                                                                                                                                      |
| Alternative Name: | IL5 ( <a href="#">IL5 Products</a> )                                                                                                                                                                            |
| Gene ID:          | 3567                                                                                                                                                                                                            |
| Pathways:         | <a href="#">JAK-STAT Signaling</a> , <a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Feeding Behaviour</a> |

## Application Details

|                    |                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator.                                                                                                                                              |
| Comment:           | ABIN6963823, ABIN7448276, ABIN6963894, ABIN7489155, ABIN6964015 and ABIN6964027 is recommended as capture mAb in ELISpot, FluoroSpot, and ELISA in combination with detection mAb ABIN6963895 and ABIN7489156 . |
| Restrictions:      | For Research Use only                                                                                                                                                                                           |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | supplied at 1 mg/mL in PBS with 0.02 % sodium azide                                                                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.                                  |
| Expiry Date:       | 18 months                                                                                                              |

## Publications

|                   |                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product cited in: | Zhenjiang, Rao, Luo, Valentini, von Landenberg, Meng, Sinclair, Hoffmann, Karbach, Altmannsberger, Jäger, Peredo, Dodoo, Maeurer: "Cytokine Networks and Survivin Peptide-Specific Cellular Immune Responses Predict Improved Survival in Patients With Glioblastoma Multiforme." in: <b>EBioMedicine</b> , Vol. 33, pp. 49-56, (2018) ( <a href="#">PubMed</a> ). |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Palani, Elima, Ekholm, Jalkanen, Salmi: "Monocyte Stabilin-1 Suppresses the Activation of Th1 Lymphocytes." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 196, Issue 1, pp. 115-23 , (2016) ([PubMed](#)).

Oseroff, Sidney, Vita, Tripple, McKinney, Southwood, Brodie, Sallusto, Grey, Alam, Broide, Greenbaum, Kolla, Peters, Sette: "T cell responses to known allergen proteins are differently polarized and account for a variable fraction of total response to allergen extracts." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 189, Issue 4, pp. 1800-11, (2012) ([PubMed](#)).

Wang, Metcalf, Ribeiro, McClure, Kaur: "Th-1-type cytotoxic CD8+ T-lymphocyte responses to simian immunodeficiency virus (SIV) are a consistent feature of natural SIV infection in sooty mangabeys." in: **Journal of virology**, Vol. 80, Issue 6, pp. 2771-83, (2006) ([PubMed](#)).

Mäkitalo, Andersson, Areström, Karlén, Villinger, Ansari, Paulie, Thorstensson, Ahlborg: "ELISpot and ELISA analysis of spontaneous, mitogen-induced and antigen-specific cytokine production in cynomolgus and rhesus macaques." in: **Journal of immunological methods**, Vol. 270, Issue 1 , pp. 85-97, (2002) ([PubMed](#)).