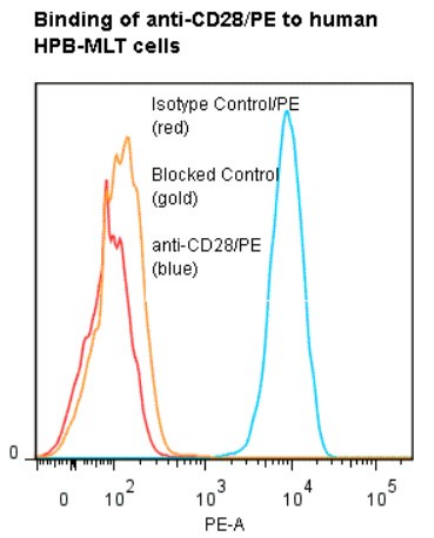
# CD28 monoclonal antibody, clone ANC28.1/5D10 (RPE)

Catalog # MAB23703 Size 200 uL

## Applications




## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against human CD28. |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Conjugation** | RPE |
| **Isotype** | IgG1kappa |
| **Available Test** | 120 tests |
| **Recommend Usage** | Enzyme Immunoassay<br>Flow Cytometry<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 50 mM sodium phosphate pH 7.5, 500 mM potassium chloride, 150mM NaCl, 15% Glycerol, 0.2% BSA, 0.04% sodium azide. |

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| | |
|---|---|
| **Storage Instruction** | Store in the dark at 4°C. Avoid prolonged exposure to light.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Flow Cytometry
- Enzyme Immunoassay

## Gene Info — CD28

| | |
|---|---|
| **Entrez GeneID** | 940 |
| **Gene Name** | CD28 |
| **Gene Alias** | MGC138290, Tp44 |
| **Gene Description** | CD28 molecule |
| **Omim ID** | 186760 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | CD28 costimulation is essential for CD4 (MIM 186940)-positive T-cell proliferation, survival, interl eukin-2 (IL2; MIM 147680) production, and T-helper type-2 (Th2) development.[supplied by OMIM |
| **Other Designations** | CD28 antigen\|CD28 antigen (Tp44)\|T-cell-specific surface glycoprotein |

## Pathway

- Allograft rejection
- Autoimmune thyroid disease
- Cell adhesion molecules (CAMs)
- Graft-versus-host disease
- Systemic lupus erythematosus

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- T cell receptor signaling pathway
- Type I diabetes mellitus

## Disease

- Acute Disease
- Arthritis
- Asthma
- Behcet Syndrome
- Bronchiolitis
- Carcinoma
- Celiac Disease
- Cholangitis
- Colon cancer
- Colorectal Neoplasms
- Diabetes Mellitus
- Disease Progression
- Drug Eruptions
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hepatitis C
- Hodgkin Disease
- Hypersensitivity
- Infant
- Kidney Failure
- Leukemia
- Lupus Erythematosus

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- Lymphoma
- Lymphoproliferative Disorders
- Malignant melanoma
- Multiple Myeloma
- Multiple Sclerosis
- Occupational Diseases
- Pemphigus
- Respiratory Syncytial Virus Infections
- Stroke
- Uterine Cervical Neoplasms
- Waldenstrom Macroglobulinemia
- Werner syndrome

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