

## Product datasheet for **AM33019PU-N**

### T Cell Receptor (TCR) gamma/delta Mouse Monoclonal Antibody [Clone ID: 11F2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	11F2
Applications:	ELISA, FC, IHC, IP
Recommended Dilution:	<b>ELISA.</b> <b>Immunoprecipitation.</b> <b>Flow cytometry.</b> <b>Immunohistochemistry on Frozen sections.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Derived by fusion of SP2/0-Ag14 mouse myeloma cells with spleen cells from a Balb/C mice immunized with protein A-Sepharose/anti-CD3 antigen complex.
Specificity:	This Antibody clone 11F2 recognizes all molecular forms of the gamma/delta T-cell receptor (TCR) described so far.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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- Background:** Two types of T cell antigen receptors (TCRs) are now known, the  $\alpha/\beta$ , and the  $\gamma/\delta$  heterodimer, which are expressed at the cell surface in association with the CD3 molecular complex. TCR- $\gamma$  can occur in either disulphide-linked or non-disulphide-linked forms. The  $\gamma/\delta$ -TCR is present on a minor subset of T- lymphocytes in peripheral blood, thymus, spleen, and lymph nodes. In man and mouse, only a small part of the T-lymphocytes of the peripheral blood (<5%) is  $\gamma/\delta$ .  $\gamma/\delta$  T-lymphocytes may complement  $\alpha/\beta$  T-cells in terms of antigenic specificities, functional capabilities, or sites of action within the body.
- Synonyms:** TCRG, TCRD, T-Cell Receptor gamma, T-Cell Receptor delta, T-Cell Receptor gamma delta