

## DATASHEET

# TCR gamma/delta Armenian Hamster Monoclonal Antibody(UC7-13D5)

CAT. NO. AMA03870

### KEY FEATURES

Target	TCR gamma/delta	Source / Host	Armenian Hamster
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Armenian Hamster IgG. Liquid in PBS, Storage pH 7.3, and 0.02% sodium azide.		at-20°C

### BACKGROUND

The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

### PRODUCT OVERVIEW

Description	Armenian Hamster monoclonal antibody to TCR gamma/delta
Specificity	Recognizes mouse TCR gamma/delta
Antibody Type	Primary antibody
Immunogen	Mouse T cell clone G8
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Armenian Hamster IgG. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	TCRD; TCRDV1; T cell receptor delta locus; TCRG; T cell receptor gamma locus
Gene Symbol	TRD; TRG
Entrez Gene	110066; 110067(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET****TCR gamma/delta Armenian Hamster Monoclonal Antibody(UC7-13D5)****CAT. NO. AMA03870****| DATA****| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**| NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.