

anti-Mouse TCR Gamma+TCR Delta Monoclonal Antibody

Armenian Hamster Monoclonal [clone GL-3] (IgG) to Mouse TCR Gamma+TCR Delta

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA12360	Armenian Hamster	Mouse	Immunohistochemistry, Flow Cytometry, Functional Assay

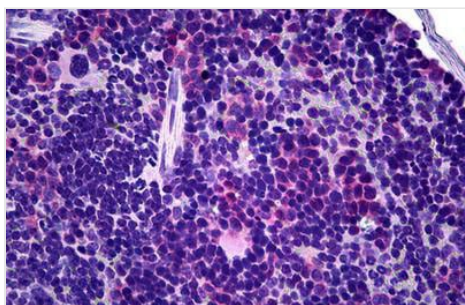
PRODUCT SYNONYMS

TCR Gamma+TCR Delta; Monoclonal Antibody; Armenian Hamster Monoclonal [clone GL-3] (IgG) to Mouse TCR Gamma+TCR Delta; Anti-TCR Gamma+TCR Delta Antibody (clone GL-3; FITC) IHC-plus; Mouse TCR Gamma+TCR Delta; anti-TCR Gamma+TCR Delta antibody

PRODUCT SPECIFICATIONS

Host	Armenian Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	GL-3
Specificity	Anti-mouse gamma delta T cell receptor monoclonal antibody reacts with the surface on all gamma delta TCR bearing cells and does not react with receptors on alpha beta TCR positive cells. It is thought that this clone may be specific for a determinant pre.
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.02% sodium azide, BSA.
Concentration	0.1 mg/ml (varies by lot)
Applicable Applications for anti-TCR Gamma+TCR Delta antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	IHC - Paraffin (1:50) Flow Cytometry (1 ug/10E6 cells) The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. Optimal dilution to be determined by the researcher.
Immunogen Type	Cells
Immunogen	TCR gamma + TCR Delta antibody was raised against c57BL/6/ intrapithelial lymphocytes.
Conjugations	FITC
Disclaimer	Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your systems. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.

Recommended Immunohistochemistry Protocol	The following protocol is a recommendation only, and AAA Biotech, Inc. makes no guarantee of the results: Tissue Preparation: Formalin fixation and embedding in paraffin wax. Tissue Sectioning: Make 4-um sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-dryingoven for 45 minutes at 60°C. Deparaffinization: Wash dry slides in 3 changes of xylene - 5 minutes each @ RT Rehydration: Wash slides in 3 changes of 100% alcohol - 3 minutes each @ RT Wash slides in 2 changes of 95% alcohol - 3 minutes each @ RT Wash slides in 1 change of 80% alcohol - 3 minutes @ RT Rinse slides in gentle running distilled water - 5 minutes @ RT Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes Remove from heat and let stand at room temperature in buffer - 20 minutes Rinse in 1X TBS with Tween (TBST) -1 minute @ RT Immunostaining: (Do not allow tissues to dry at any time during the staining procedure) Apply a universal protein block - 20 minutes @ RT Drain protein block from slides, apply diluted primary antibody - 45 minutes @ RT Rinse slides in 1 X TBST - 1 minute @ RT Apply a biotinylated secondary antibody appropriate for the primary antibody - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase streptavidin - 30 minutes @ RT Rinse slides in 1X TBST -1 minute @ RT Apply alkaline phosphatase chromogen substrate - 30 minutes @ RT Wash slides in distilled water - 1 minute @ RT Dehydrate: (This method should only be used if the chromogen substrate is alcohol insoluble (e.g. Vector Red, DAB) Wash slides in 2 changes of 80% alcohol - 1 minute each @ RT Wash slides in 2 changes of 95% alcohol - 1 minute each @ RT Wash slides in 3 changes of 100% alcohol - 1 minute each @ RT Wash slides in 3 changes of xylene - 1 minute each @ RT Apply coverslip
Note	During shipment,small volumes of product will ocassionally become entrapped in the seal of the product vial. We recommend briefly centrifuging the vial to dislodge any liquid in the container's cap prior to opening.
Warning	This reagent may contain sodium azide. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated.Standard Laboratory Practices should be followed. Avoid skin and eye contact,inhalation, and ingestion. Sodium azide forms hydrazoic acid under acidic conditions and may react with lead or copper plubing to form highly explosive metal azides. On disposal, flush with large volumes of water to prevent accumulation.
Preparation and Storage	Short term store at 4°C. Long term, aliquot into single use aliquots and store at -20°C. Avoid freeze-thaw cycles. Protect from light



IHC (Immunohistochemistry)

Anti-TCR Gamma/Delta antibody IHC of mouse spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:50.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tcr-gammatcr-delta-antibody-clone-gl-3-immunohistochemistry-flow-cytometry-elisa/12360>