

ROR gamma T Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50256

Clone# BP6233

Predicted Molecular Wt: 55kDa
Species Cross-reactivity: Human
Applications: IHC-P

Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: P51449-2

Background:

Retina-associated orphan receptors (RORs) contains three subtypes: ROR α , ROR β , and ROR γ . They are widely distributed in body tissues, and most of them can directly enter the nucleus to regulate the transcription of target genes, thus showing different tissue specificity and participating in different physiological processes. In particular, ROR α and ROR γ play an important role in mediating Th17 cell differentiation. ROR γ can be divided into ROR γ 1 and ROR γ 2 (ROR γ T), which show different tissue specificity.

ROR Gamma (T) is expressed only in lymphoid compartment cells, i.e., CD4+CD8+ "double positive" thymocytes, peripheral Th17 cells, and lymphoid tissue inducer (LTi) cells of lymphoid organs.

At present, ROR γ T is considered as a new target for drug development against autoimmune diseases, especially psoriasis. In recent years, ROR γ T small molecule inhibitors have become a hot research field in academia and even international pharmaceutical companies, with great development potential.

Subcellular location:

Nucleus

Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Recombinant protein fragment of ROR gamma T was used as an immunogen.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage Conditions:

-25°C to -18°C

Shipment Instructions:

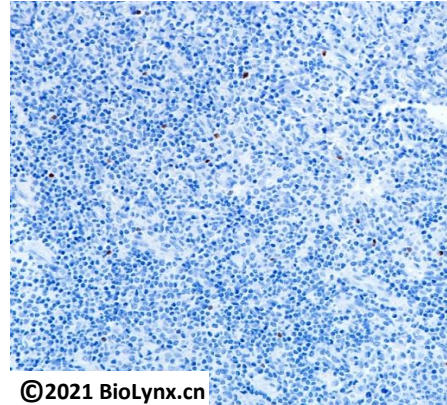
Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

Recommended Dilution:

IHC-P: 1:100-1:200

Background References:

- Ouyang W et al. Invest Ophthalmol Vis Sci 62:25 (2021).
- Zhang Y et al. Exp Ther Med 21:483 (2021).



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of tonsil labelling ROR gamma T with BP6233.

Product QC'd by:



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