Recombinant ROR-gamma / RORC (RAR-related Orphan Receptor C) Antibody

Rabbit Monoclonal Antibody [Clone RORC/8017R]

Catalog No	Format	Size
6097-RBM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6097-RBM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6097-RBM7-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

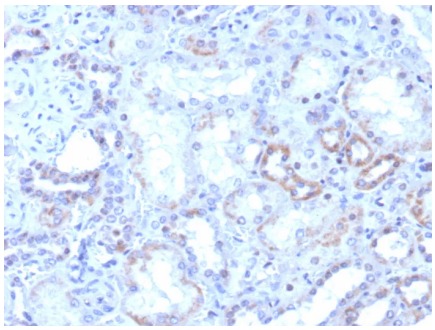
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

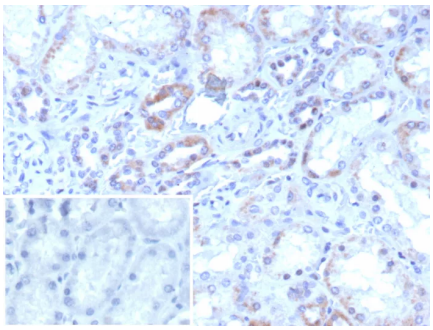
Clone	RORC/8017R
Gene Name	RORC
Immunogen	Recombinant full-length human ROR gamma T protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	55kDa
Cellular Localization	Nucleus.
Species Reactivity	Human
Positive Control	MOLT4 cells. Human lymphocytes. Human liver or skeletal muscle tissue.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant ROR-gamma / RORC (RAR-related Orphan Receptor C) Antibody



Formalin-fixed, paraffin-embedded human kidney stained with RORC Recombinant Rabbit Monoclonal Antibody (RORC/8017R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human kidney stained with RORC Recombinant Rabbit Monoclonal Antibody (RORC/8017R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

Retina-associated orphan receptors (RORs) contains three subtypes: RORÎ ?, RORÎ ?, and RORÎ ?. 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, RORÎ ? and RORÎ ? play an important role in mediating Th17 cell differentiation. RORÎ ? can be divided into RORÎ ?1 and RORÎ ?2 (RORÎ ? 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, RORÎ ? T is considered as a new target for drug development against autoimmune diseases, especially psoriasis. In recent years, RORÎ ? T small molecule inhibitors have become a hot research field in academia and even international pharmaceutical companies, with great development potential.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cytokine Signaling, Immunology, Nuclear Marker, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.