Recombinant Interleukin-1 receptor type 1 Antibody

Rabbit Monoclonal Antibody [Clone IL1R1/17249R]

Catalog No	Format	Size
3554-RBM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3554-RBM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3554-RBM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

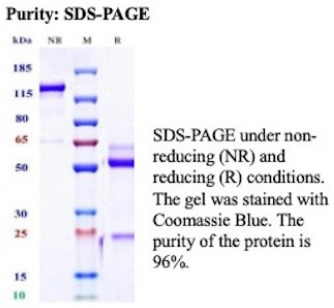
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	IL1R1/17249R
Immunogen	Recombinant human IL1R1 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	65.4kDa
Cellular Localization	Cell membrane, Membrane, Secreted
Species Reactivity	Human
Positive Control	Expressed in T-helper cell subsets

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

Product Images for Recombinant Interleukin-1 receptor type 1 Antibody



SDS-PAGE Analysis of Purified Recombinant Interleukin-1 receptor type 1 Rabbit Monoclonal Antibody (IL1R1/17249R). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Receptor for IL1A, IL1B and IL1RN (PubMed:2950091, PubMed:37315560). After binding to interleukin-1 associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. Signaling involves the recruitment of adapter molecules such as TOLLIP, MYD88, and IRAK1 or IRAK2 via the respective TIR domains of the receptor/coreceptor subunits. Binds ligands with comparable affinity and binding of antagonist IL1RN prevents association with IL1RAP to form a signaling complex. Involved in IL1B-mediated costimulation of IFNG production from T-helper 1 (Th1) cells (PubMed:10653850).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. 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.

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.