

Recombinant CD39 / ENTPD1 (Marker of Tumor-specific T cells) Antibody

Rabbit Monoclonal Antibody [Clone CD39/9813R]

Catalog No	Format	Size
953-RBM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
953-RBM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
953-RBM5-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
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	CD39/9813R
Immunogen	Recombinant full-length human CD39 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	57.96kDa
Cellular Localization	Caveola, Membrane
Species Reactivity	Human
Positive Control	Expressed primarily on activated lymphoid cells (PubMed:7930580)

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant CD39 / ENTPD1 (Marker of Tumor-specific T cells) Antibody

Specificity & Comments

Catalyzes the hydrolysis of both di- and triphosphate nucleotides (NDPs and NTPs) and hydrolyze NTPs to nucleotide monophosphates (NMPs) in two distinct successive phosphate-releasing steps, with NDPs as intermediates and participates in the regulation of extracellular levels of nucleotides (Probable) (PubMed:8529670, PubMed:8626624, PubMed:8955160, PubMed:8996251). By hydrolyzing proinflammatory ATP and platelet-activating ADP to AMP, it blocks platelet aggregation and supports blood flow (PubMed:8955160, PubMed:8996251).

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.