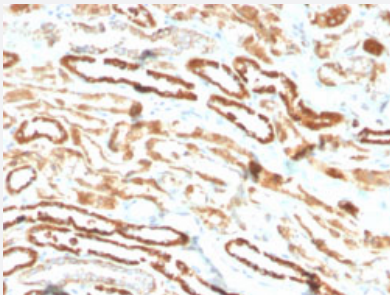


RecomAb™

EPO recombinant monoclonal antibody, clone EPO/3793R

Catalog # RAB00545 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial human EPO.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to amino acids 28-162 of human EPO.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	ELISA (Use Ab at 2-4 ug/mL for coating) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining of human kidney.
- Enzyme-linked Immunoabsorbent Assay

Gene Info — EPO

Entrez GeneID	2056
Protein Accession#	P01588
Gene Name	EPO
Gene Alias	EP, MGC138142
Gene Description	erythropoietin
Omim ID	133170
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the EPO/TPO family and encodes a secreted, glycosylated cytokine composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. [provided by RefSeq]
Other Designations	epoetin

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Amyotrophic lateral sclerosis](#)

- [Cardiovascular Diseases](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Myelodysplastic Syndromes](#)
- [Retinopathy of Prematurity](#)
- [Rhinitis](#)