Nephrin (Ig-like domain 5) clonal antibody (Y17-R)

This antibody is covered by our Worry-Free Guarantee.

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ALX-810-0160	100µl

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	Stable for at least 12 months after receipt when stored as recommended.
Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Renal glomerulus-specific cell adhesion receptor
Application	ELISA, IHC (PS), WB
Clone	Y17-R
Formulation	Liquid. In 20mM TRIS/HCl, pH 8.0, containing 10mg/ml BSA and 0.05% sodium azide.
Host	Rabbit
Immunogen	Synthetic peptide corresponding to an epitope in the centre of the fifth Ig-like domain of human nephrin (between aa 465 and 528).
Isotype	IgG
Purity Detail	Major clone of IgGs obtained from immunoaffinity purified immunoglobulins corresponding to immunogenic peptide.
Recommendation Dilutions/Conditions	ELISA (1:50,000-1:100,000)Immunohistochemistry (paraffin sections, 1:200)Western Blot (1:5,000; Wash buffer: 1x TRIS buffered saline (TBS) containing 0.1% Triton X-100, Blocking buffer: 1x TBS containing 0.1% Triton X-100 and 5% nonfat dry milk. Incubate the membrane with antibody diluted in blocking buffer for 2 hours at room temperature)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.

Species Reactivity	Human, Mouse, Rat
Technical Info / Product Notes	**Clonal Rabbit Antibody** is a pure homogenous fraction of rabbit immunoglobulin (IgG) which corresponds to a unique linear epitope on the target protein. This epitope is designed after a detailed analysis of the antigen structure, regulatory post-translational modifications, protein/protein interaction domain and protein folding. The chosen sequence (peptide) is synthesized and the rabbit is immunized. The clone is then separated from the crude antiserum by "*in vitro* cloning technology". The resulting product is monospecific and characterized by superior specificity, affinity and avidity.
UniProt ID	O60500
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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