

ARG45334 anti-ANGPT4 antibody [2H34]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody recognizes ANGPT4
Tested Reactivity	Ms
Tested Application	IHC-P
Host	Rat
Clonality	Monoclonal
Clone	2H34
Isotype	IgG2
Target Name	ANGPT4
Species	Mouse
Immunogen	Recombinant Mouse ANGPT4 .
Conjugation	Un-conjugated
Alternate Names	ANGPT4; Angiopoietin 4; Angiopoietin-4; ANG3; ANG4; Angiopoietin-3; ANG-4; ANG-3

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:200

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

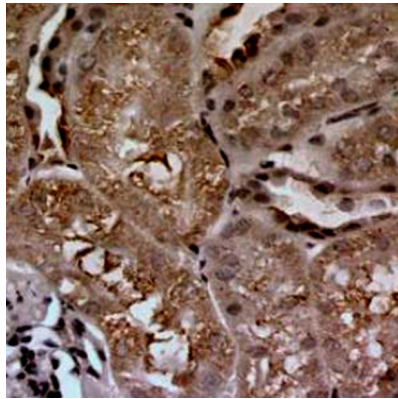
Properties

Form	Powder
Purification	Protein G chromatography
Buffer	PBS
Reconstitution	PBS
Concentration	0.1 - 1.0 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ANGPT4
Gene Full Name	Angiopoietin 4
Background	Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin. [provided by RefSeq, Jul 2008]
Function	Binds to TEK/TIE2, modulating ANGPT1 signaling. Can induce tyrosine phosphorylation of TEK/TIE2. Promotes endothelial cell survival, migration and angiogenesis. [UniProt]
Calculated Mw	58 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG45334 anti-ANGPT4 antibody [2H34] IHC-P image

Immunohistochemistry: Mouse kidney stained with ARG45334 anti-ANGPT4 antibody [2H34].