Datasheet for ABIN213433

anti-FAK antibody (Internal Region)

2 Images

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Overview

Quantity:	50 µg
Target:	FAK (PTK2)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat, Chicken, Monkey, Dog, Cow, Rabbit, Horse, Hamster, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAK antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 16 amino acid peptide from internal region of human FAK. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Bovine, Hamster, Elephant, Panda, Horse, Rabbit, Opossum, Chicken, Lizard (100%), Platypus, Xenopus, Zebrafish (94%), Pufferfish (88%). Type of Immunogen: Synthetic peptide
Specificity:	Human FAK. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Dog, Bat, Bovine, Hamster, Elephant, Panda, Horse, Rabbit, Opossum,

Product Details

	Chicken, Lizard (100%) Platypus, Xenopus, Zebrafish (94%) Pufferfish (88%).
Purification:	Immunoaffinity purified

Target Details

Target:	FAK (PTK2)
Alternative Name:	FAK / Focal Adhesion Kinase (PTK2 Products)
Background:	Name/Gene ID: PTK2 Subfamily: Focal Adhesion Kinase Family: Protein Kinase Synonyms: PTK2, FADK, Fadk1, Focal adhesion kinase, FRNK, FADK 1, Focal adhesion kinase 1, FAK1, p125FAK, PPP1R71, Protein-tyrosine kinase 2, PTK2 protein tyrosine kinase 2, FAK, pp125 FA kinase, Pp125FAK
Gene ID:	5747
Pathways:	Response to Growth Hormone Stimulus, CXCR4-mediated Signaling Events, Smooth Muscle Cell Migration, Signaling of Hepatocyte Growth Factor Receptor, VEGF Signaling

Application Details

Application Notes:	Approved: IHC, IHC-P (2 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 2 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

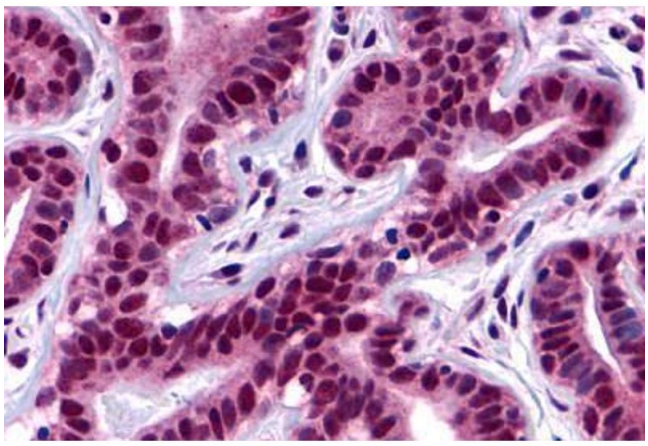
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

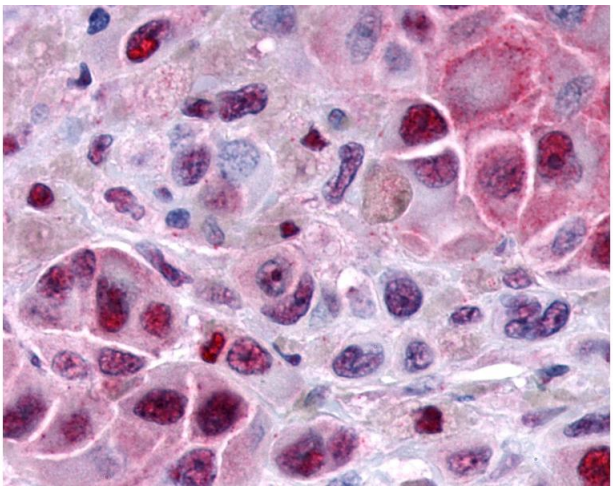
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Ductal and Lobular Epithelium (formalin-fixed, paraffin-embedded) stained with PTK2 antibody ABIN213433 at 2 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2.