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Datasheet for ABIN519484

## anti-PTK6 antibody (AA 342-451)

1 Image

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### Overview

Quantity:	100 µg
Target:	PTK6
Binding Specificity:	AA 342-451
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PTK6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PTK6.
Immunogen:	PTK6 (NP_005966, 342 a.a. ~ 451 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	YLSHDHNIPY KWTAPEALSR GHYSTKSDVW SFGILLHEMF SRGQVPYPGM SNHEAFLRVD AGYRMPCPLE CPPSVHKLML TCWCRDPEQR PCFKALRERL SSFTSYENPT
Clone:	2F11
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	PTK6
Alternative Name:	PTK6 ( <a href="#">PTK6 Products</a> )
Background:	Full Gene Name: PTK6 protein tyrosine kinase 6 Synonyms: BRK,FLJ42088
Gene ID:	5753
NCBI Accession:	<a href="#">NM_005975</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

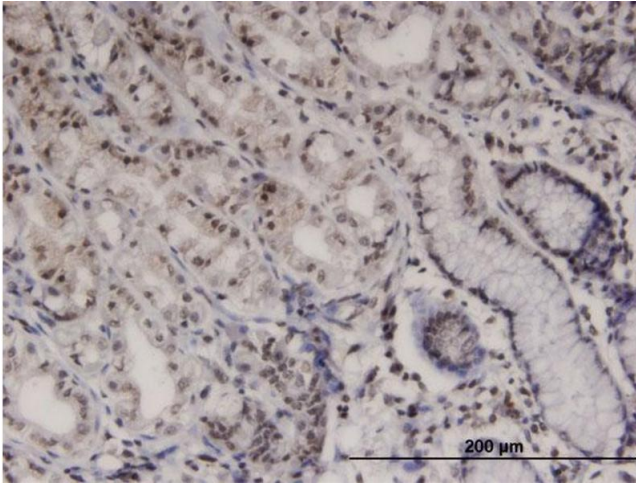
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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in:	<p>Akl, Ayoub, Mohyeldin, Busnena, Foudah, Liu, Sayed: "Olive phenolics as c-Met inhibitors: (-)-Oleocanthal attenuates cell proliferation, invasiveness, and tumor growth in breast cancer models." in: <b>PLoS ONE</b>, Vol. 9, Issue 5, pp. e97622, (2014) (<a href="#">PubMed</a>).</p> <p>Falkenberg, Anastasov, Höfig, Bashkueva, Lindner, Höfler, Rosemann, Aubele: "Additive impact of HER2-/PTK6-RNAi on interactions with HER3 or IGF-1R leads to reduced breast cancer progression in vivo." in: <b>Molecular oncology</b>, Vol. 9, Issue 1, pp. 282-94, (2014) (<a href="#">PubMed</a>).</p>
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### Immunostaining

**Image 1.** Immunoperoxidase of monoclonal antibody to PTK6 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]