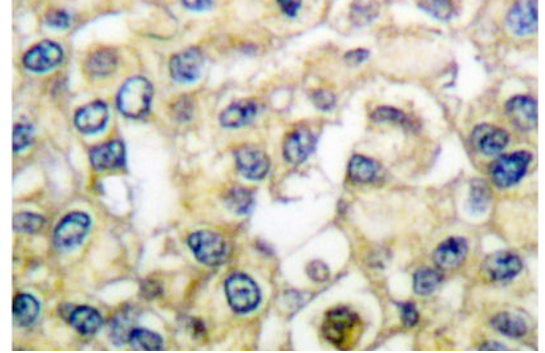


**AP06119PU-N****Polyclonal Antibody to CD332 / FGFR-2 - Aff - Purified**

<b>Alternate names:</b>	BEK, FGFR2, Fibroblast growth factor receptor 2, KGFR, KSAM, Keratinocyte growth factor receptor 2
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	Acidic and basic fibroblast growth factors (FGFs) are members of a family of multifunctional polypeptide growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Like other growth factors, FGFs act by binding and activating specific cell surface receptors. These include the Flg receptor or FGFR-1, the Bek receptor (or FGFR-2), FGFR-3, FGFR- 4, FGFR-5 and FGFR-6. These receptors usually contain an extracellular ligandbinding region containing three immunoglobulin-like domains, a transmembrane domain and a cytoplasmic tyrosine kinase domain. The gene encoding human Bek (also esignated K-sam) maps to chromosome 10q26 and is alternatively spliced to produce several isoforms. Heterogeneous mutations in Bek are associated with a range of craniosynostosis syndromes including Pfeiffer syndrome, Crouzon syndrome, Jackson-Weiss syndrome and Apert syndrome.
<b>Uniprot ID:</b>	<a href="#">P21802</a>
<b>NCBI:</b>	<a href="#">NP_000132.3</a>
<b>GenelD:</b>	<a href="#">2263</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide, corresponding to amino acids 480-530 of Human FGFR2.
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction (> 95% pure by SDS-PAGE). <b>Purification:</b> Affinity Chromatography using epitope-specific immunogen. <b>Buffer System:</b> Phosphate buffered saline (PBS), pH~7.2 <b>Preservatives:</b> 15mM Sodium Azide
<b>Applications:</b>	<b>Western blot:</b> 1/500-1/1000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Molecular Weight:</b>	~ 92, 145 kDa
<b>Specificity:</b>	This antibody detects endogenous levels of FGFR2 protein. (region surrounding Val501)
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Mouse.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**Pictures:**

**Immunohistochemistry (IHC)** analysis of FGFR2 antibody (Cat.-No.: AP06119PU-N) in paraffin-embedded human breast carcinoma tissue.



**Western blot (WB)** analysis of FGFR2 antibody (Cat.-No.: AP06119PU-N) at 1/500 dilution  
Lane1: Hela whole cell lysate  
Lane2: HEK293T whole cell lysate  
Lane3: Mouse liver tissue lysate

