

AB-NK063-3

FGFR2-1 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human protein-tyrosine kinase FGFR2 (BEK)



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

| | |
|---------------------------------------|---|
| Name Long: | Fibroblast growth factor receptor-tyrosine kinase 2 (BEK) |
| Alias: | BEK; BFR1; BFR-1; CD332; CEK3; CFD1; Crouzon syndrome; ECT1; K-SAM; TK25; KGFR; K-SAM; JWS; CD332; TK14; TK25; Q16888; Q7KZ14 |
| UniProt ID: | P21802 |
| Sequence Predicted Mass (kDa): | 92.733 (830 AA; P21802-11); 92.153 (822 AA; P21802-16); 92.118 (822 AA; P21802-3); 92.025 (821 AA; P21802); 91.918 (820 AA; P21802-18); 91.825 (819 AA; P21802-5); 91.641 (819 AA; P21802-10); 91.620 (817 AA; P21802-7); 91.566 (819 AA; P21802-9); 88.181 (785 AA; P21802-6); 86.407 (771 AA; P21802-12); 86.223 (769 AA; P21802-17); 86.130 (768 AA; P21802-2); 86.110 (768 AA; P21802-13); 85.929 (766 AA; P21802-8); 79.833 (709 AA; P21802-23); 79.300 (707 AA; P21802-21); 79.212 (705 AA; P21802-15); 79.197 (704 AA; P21802-20); 76.705 (682 AA; P21802-4); 76.423 (680 AA; P21802-22); 40.614 (366 AA; P21802-19); 28.299 (254 AA; P21802-14) |
| Observed SDS-PAGE Mass (kDa): | 100-110 |

Immunogen

| | |
|-------------------------------------|---|
| Antibody Immunogen Source: | Human FGFR2 (BEK) sequence peptide Cat. No.: PE-01AUE70 |
| Antibody Immunogen Sequence: | CDSETWYFMVNVTDAL |
| Location in Target: | Corresponds to amino acid residues D114 to I128 |
| Peptide Type: | For pan-specific recognition of target expression levels. |
| Target Phosphosite: | Not phosphorylated |

Production

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|--|--|
| Antibody Host Species: | Rabbit |
| Antibody Type: | Polyclonal |
| Antibody Ig Isotype Clone Lot: | Immunoglobulin G |
| Production Method: | The immunizing peptide was produced by solid phase synthesis on a multipепeptide synthesizer and purified by reverse-phase hplc chromatography. Purity was assessed by analytical hplc and the amino acid sequence confirmed by mass spectrometry analysis. This peptide was coupled to KLH prior to immunization into rabbits. New Zealand White rabbits were subcutaneously injected with KLH-coupled immunizing peptide every 4 weeks for 4 months. The sera from each animal was applied onto an agarose column to which the immunogen peptide was thio-linked. Antibody was eluted from the column with 0.1 M glycine, pH 2.5. Subsequently, the antibody solution was neutralized to pH 7.0 with saturated Tris. |
| Antibody Amount: | 25 µg |
| Antibody Concentration: | 1 mg/ml |
| Lot Number: | 140724 |
| Storage Buffer: | Phosphate buffered saline (PBS) pH7.4, 0.05% Thimerazol |
| Storage Conditions and Stability: | For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. |

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Applications

| | |
|---------------------------------------|---|
| Product Use: | Western blotting Antibody microarrays |
| Antibody Dilution Recommended: | 2 µg/ml for immunoblotting |
| Antibody Species Reactivity: | Human, mouse, rat and many other mammals |
| Overall Antibody Specificity: | High selectivity |
| Antibody Cross Reactivities: | No immunoreactivity on protein dot blots with recombinant human FGFR1, FGFR3 and FGFR4. |

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-866-KINEXUS(546-3987)