

AB-NK110-3

Met-2 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human protein-tyrosine kinase Met



KINEXUS

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Target Protein

Name Long:	Hepatocyte growth factor (HGF) receptor-tyrosine kinase
Alias:	C-met; Hepatocyte growth factor receptor; HGF receptor; HGFR; HGF-SF receptor; Kinase Met; Met proto- oncogene tyrosine kinase; Met proto-oncogene; RCCP2; ENSG00000105976
UniProt ID:	P08581
Sequence Predicted Mass (KDa):	157.712 (1408 AA; P08581-2); 155.541 (1390 AA; P08581); 85.745 (764 AA; P08581-3)
Observed SDS-PAGE Mass (KDa):	140-155

Immunogen

Antibody Immunogen Source:	Human Met sequence peptide Cat. No.: PE-01ASB99
Antibody Immunogen Sequence:	CEMRPSFSELVSRISA
Location in Target:	Corresponds to amino acid residues E1325 to A1349; In the C-terminal part of the cytoplasmic portion immediately after the kinase catalytic domain.
Peptide Type:	For pan-specific recognition of target expression levels.
Target Phosphosite:	Not phosphorylated

Production

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 multipep peptide 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:	0.75 mg/ml
Lot Number:	140724
Storage Buffer:	Phosphate buffered saline (PBS) pH7.4, 0.05% Thimerasol
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
Antibody Positive Controls:	Weak reactivity with recombinant human Met on protein dot blots.
Overall Antibody Specificity:	Low selectivity
Antibody Cross Reactivities:	Very-weak immunoreactivity on protein dot blots with recombinant human Ron.

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)