

## Anti-HGFR/c-Met Antibody (5093)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Canine
Conjugation:	Unconjugated
Clone:	5093
Purification:	Protein A

## Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Canine HGFR / c-MET protein (TMPY-02068)
Antigen Species:	Canine
Synonyms:	MET proto-oncogene, receptor tyrosine kinase
Biology Area:	Cancer Drug Targets, Receptor Tyrosine Kinases (RTKs)

## Research Background

Hepatocyte growth factor receptor (HGFR), also known as c-Met or mesenchymal-epithelial transition factor (MET), is a receptor tyrosine kinase (RTK) that is overexpressed and/or mutated in a variety of malignancies. HGFR protein is produced as a single-chain precursor, and HGF is the only known ligand. Normal HGF/HGFR signaling is essential for embryonic development, tissue repair, or wound healing, whereas aberrantly active HGFR has been strongly implicated in tumorigenesis, particularly in the development of invasive and metastatic phenotypes. HGFR protein is a multifaceted regulator of growth, motility, and invasion, and is normally expressed by cells of epithelial origin. Preclinical studies suggest that targeting aberrant HGFR signaling could be an attractive therapy in cancer. Cancer ImmunotherapyImmune CheckpointImmunotherapyTargeted Therapy

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