

CAB22334

Product Information

Product SKU:	CAB22334	Gene ID:	4322	Size:	20uL, 100uL
Clone No:	ARC51250	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	Refer to figures	Conjugate:	Unconjugated
Calculated MW:	54kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is proteolytically processed to generate the mature protease. This protease cleaves type II collagen more efficiently than types I and III. It may be involved in articular cartilage turnover and cartilage pathophysiology associated with osteoarthritis. Mutations in this gene are associated with metaphyseal anadysplasia. This gene is part of a cluster of MMP genes on chromosome 11.
Recommended Dilution:	IF/ICC, 1:50 - 1:200
Synonyms:	CLG3; MDST; MANDP1; MMP-13; MMP13
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 104-272 of human MMP13 (NP_002418.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.