

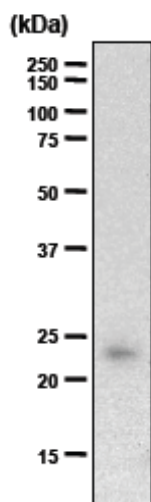


Anti Chondromodulin, clone hCHM-04

Host animal	Mouse
Immunogen	Recombinant human chondromodulin-I
Purity	Affinity purified
Concentration	1.0 mg/ml
Isotype	IgG1
Volume	100 ul
Formulation	PBS (pH7.4)
Cross Reactivity	Human, mouse, rat, bovine
Application	▪ Immunoprecipitation ▪ Western blotting ▪ Immunohistochemistry

Optimal dilutions/concentrations should be determined by the end user.

Western blot analysis



Recombinant human ChM-1 (5 ng) was subjected to Western blot analysis using hChM-4 antibody at 500-fold dilution.



Storage

Store below -20°C (below -70°C for prolonged storage).

Aliquot to avoid cycles of freeze/thaw.

Reference

- 1) Hiraki Y. et al. Identification of Chondromodulin I as a novel endothelial cell growth inhibitor. J.Biol.Chem. 271, 22657-62 (1996).
- 2) Hiraki Y. et al. Molecular cloning of human chondromodulin-I , a cartilage derived growth modulating factor, and its expression in Chinese hamster ovary cells. Eur. J.Biochem. 260, 869-78 (1999).
- 3) Nakamichi Y. et al. Chondromodulin-I is a bone remodeling factor Mol.Cell.Biol. 23, 636-44 (2003).
- 4) Yoshioka Y. et al. Chondromodulin-I maintains cardiac valvular function by preventing angiogenesis. Nature Med. 12, 1151-59 (2006).
- 5) Miura S.et al. Impairment of VEGF-A-stimulated lamellipodial extensions and motility of vascular endothelial cells by chondromodulin-1, a cartilage-derived angiogenesis inhibitor. Exp.Cell.Res. 316, 775-788 (2010)

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