COSMO BIO CO., LTD.
Inspiration for Life Science

For RESEARCH USE ONLY

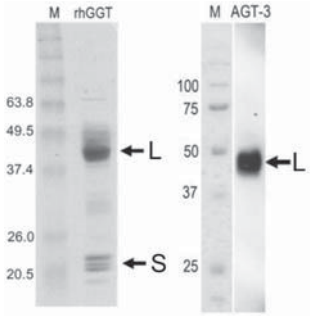
GGT Antibody

Anti Human Gamma Glutamyl Transpeptidase

Product Code	ACE-GGT-AGT3 -EX
Origin	Human
Host animal	Mouse
Immunogen	Recombinant Human Gamma Glutamyl Transpeptidase (Bacuro Virus)
Label	Unlabeled
Clonality	Monoclonal (Clone: AGT-3)
Isotype	IgG2a
Epitope	Large Subunit
Species reactivity	Human
Purity	Affinity Purified (Protein A)
Concentration	1mg/ml
Volume	100 μg
Buffer	PBS with 0.1% Sodium Azide
Storage	Store at 4 ℃

Applications

Western Blot:	Recommended Concentration 1/100
Other Feature:	Inhibition of Osteoclast Formation



SDS-PAGE Western Blot

Reference

1) Ishizuka Y., et al. "Treatment With anti-gamma-Glutamyl Transpeptidase Antibody Attenuates Osteolysis in the Collagen-Induced Arthritis Mice" *J. Bone Miner. Res.* 2007 In Press.

2) Niida S., et al. " γ-Glutamyltranspeptidase Stimulates Receptor Activator of Nuclear Factor-κB Ligand Expression Independent of Its Enzymatic Activity and Serves as a Pathological Bone-resorbing Factor" *J. Biol. Chem.* **279**, 5752-5756, 2004

3) Hiramatsu K., et al. "Overexpression of γ-Glutamyltransferase in Transgenic Mice Accelerates Bone Resorption and Causes osteoporosis" *Endocrinology* , **148**, 2708-2715, 2007

4) Asabe Y., et al. "Urinary γ-Glutamyltransferase (GGT) as a potential marker of bone resorption" *Bone*, **39**, 1276-1282, 2006

Manufactured by: ACEL, Inc.

Adjusted Cell Experiment Laboratory Inc.

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