

Product Datasheet

Osteocalcin Antibody (8H12F9H10) NB100-62805

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-62805

Updated 3/30/2022 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-62805



NB100-62805

Osteocalcin Antibody (8H12F9H10)

| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 8H12F9H10 |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A or G purified |
| Buffer | PBS |
| Product Description | |
| Host | Mouse |
| Gene ID | 632 |
| Gene Symbol | BGLAP |
| Species | Human, Mouse (Negative) |
| Reactivity Notes | Reacts with: Rabbit, Rat, Pig, Bovine. Does not react with: Mouse |
| Specificity/Sensitivity | <p>This product recognizes intact human and bovine osteocalcin in a "2 site" assay and reacts with osteocalcin fragments corresponding to amino acids 1-19, 7-19 and 15-31 of the native molecule. It does not recognize fragments representing amino acids 20-43 or intact bovine osteocalcin.</p> <p>Osteocalcin (Bone Gla Protein) is a 49 amino acid single chain vitamin K dependent protein (MW 5.8 kDa), made by osteoblasts that is a major component of the non-collagenous bone matrix. Serum osteocalcin is elevated in diseases characterized by increased bone turnover such as osteoporosis, hyperparathyroidism and Paget's disease, and low in conditions associated with low bone turnover such as hypoparathyroidism and growth hormone deficiency.</p> |
| Immunogen | Recombinant human osteocalcin protein |
| Product Application Details | |
| Applications | ELISA |
| Recommended Dilutions | ELISA 1:100-1:2000 |





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-62805

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

