

Product Datasheet

Collagen III alpha 1/COL3A1 Antibody (1E7-D7/Col3) [DyLight 755] NBP1-05119IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-05119IR

Collagen III alpha 1/COL3A1 Antibody (1E7-D7/Col3) [DyLight 755]

| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 1E7-D7/Col3 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | DyLight 755 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |
| Target Molecular Weight | 139 kDa |
| Product Description | |
| Host | Mouse |
| Gene ID | 1281 |
| Gene Symbol | COL3A1 |
| Species | Human, Mouse, Rat, Canine, Kangaroo, Rabbit |
| Reactivity Notes | Rabbit reactivity reported in scientific literature (PMID: 26373929). Mouse reactivity reported in scientific literature (PMID: 30594070). |
| Specificity/Sensitivity | Highly specific for type III collagen. It has been shown to have no cross reactivity with type I and V collagens by ELISA and immunoblotting. There is no evidence for cross-reactivity with other connective tissue proteins (laminin, fibronectin, elastin). |
| Immunogen | This Collagen III alpha 1/COL3A1 Antibody (1E7-D7/Col3) was developed against acid-digested pepsin soluble human type III collagen |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. IHC: NBP1-05119 has been used successfully for immunohistology on frozen unfixed sections of human (5) and kangaroo (6) skin, and of new dog tissue associated with biomaterial implants. (7, 8) If fixation of tissue is required, acetone or ethanol is recommended. (5, 6, 7, 8). |



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Products Related to NBP1-05119IR

| | |
|--------------------|---|
| NBP1-43319IR-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 755] |
| NBP1-97267 | Collagen III alpha 1/COL3A1 Native Protein |
| 7754-BH-005/CF | TGF-beta 1 [Unconjugated] |
| 7294-CL-020 | Collagen III alpha 1/COL3A1 [Unconjugated] |

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.

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