

# Product Datasheet

## Claudin-4 Antibody [DyLight 594]

### NBP2-41187DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-41187DL594**

Claudin-4 Antibody [DyLight 594]

| 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                   | Polyclonal   |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG  |
| Conjugate                   | DyLight 594  |
| Purity                      | Peptide affinity purified  |
| Buffer                      | 50mM Sodium Borate   |
| Product Description         |  |
| Host                        | Rabbit   |
| Gene ID                     | 1364   |
| Gene Symbol                 | CLDN4  |
| Species                     | Human  |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (88%).  |
| Specificity/Sensitivity     | At least four isoforms of Claudin-4 are known to exist; Claudin-4 antibody will detect all four isoforms. Human Claudin-4 has one isoform (209aa, 22kD). Mouse Claudin-4 has one isoform (210aa, 22kD) and Rat Claudin-4 also has one isoform (210aa, 22kD). NBP2-41187 can detect human, mouse and rat. |
| Immunogen                   | Antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human Claudin-4. The immunogen is located within the last 50 amino acids of Claudin-4. Amino Acid Sequence: PPRTDKPYSAKYSAAR  |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| Product Application Details |  |
| Applications                | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence  |
| Recommended Dilutions       | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |



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### **Products Related to NBP2-41187DL594**

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|                    |  |
|--------------------|--|
| NBP2-24891DL594    | Rabbit IgG Isotype Control [DyLight 594]         |
| H00001364-P01-2ug  | Recombinant Human Claudin-4 GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                         |
| H00001364-Q01-10ug | Recombinant Human Claudin-4 GST (N-Term) Protein |

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### **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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