

Product Datasheet

Chromogranin A Antibody (PHE5) [Alexa Fluor® 750] NBP2-34709AF750

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34709AF750

Chromogranin A Antibody (PHE5) [Alexa Fluor® 750]

| 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 | PHE5 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor 750 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 1113 |
| Gene Symbol | CHGA |
| Species | Human, Monkey, Mouse (Negative), Rat (Negative) |
| Reactivity Notes | Does not react with Mouse or Rat. |
| Specificity/Sensitivity | Chromogranin A is present in neuroendocrine cells throughout the body, including the neuroendocrine cells of the large and small intestine, adrenal medulla and pancreatic islets. It is an excellent marker for carcinoid tumors, pheochromocytomas, paragangliomas, and other neuroendocrine tumors. Co-expression of chromogranin A and neuron specific enolase (NSE) is common in neuroendocrine neoplasms. Reportedly, co-expression of certain keratins and chromogranin indicates neuroendocrine lineage. The presence of strong anti-chromogranin staining and absence of anti-keratin staining should raise the possibility of paraganglioma. The co-expression of chromogranin and NSE is typical of neuroendocrine neoplasms. Most pituitary adenomas and prolactinomas readily express chromogranin. |
| Immunogen | Human pheochromocytoma (Uniprot: P10645) |

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| Product Application Details | |
|------------------------------------|---|
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NBP2-34709AF750

| | |
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| IC002S | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 750] |
| NBC1-26369 | Recombinant Human Chromogranin A Protein |
| DKK300 | Kallikrein 3/PSA [HRP] |
| DY9098-05 | Chromogranin A [Biotin] |

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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