

Product Datasheet

Chk2 Antibody (CL9440) - Azide and BSA Free NBP3-44069

Unit Size: 100 ul

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

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Updated 3/13/2025 v.20.1

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NBP3-44069

Chk2 Antibody (CL9440) - Azide and BSA Free

Product Information

| | |
|------------------------------------|--|
| Unit Size | 100 ul |
| Concentration | LYOPH mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | CL9440 |
| Preservative | No Preservative |
| Reconstitution Instructions | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | Lyophilized from a 0.2 um filtered solution in PBS with Trehalose |

Product Description

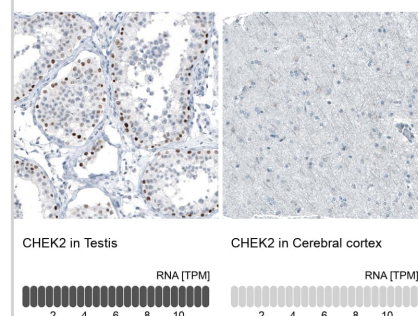
| | |
|--------------------|--|
| Host | Mouse |
| Gene ID | 11200 |
| Gene Symbol | CHEK2 |
| Species | Human |
| Immunogen | This antibody was generated using a recombinant protein sequence of O96017, with the exact immunogen sequence remaining proprietary. |

Product Application Details

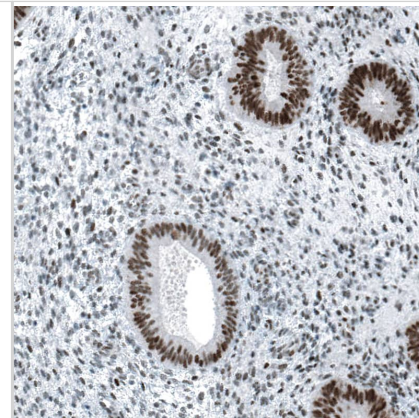
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| Application Notes | For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization. For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

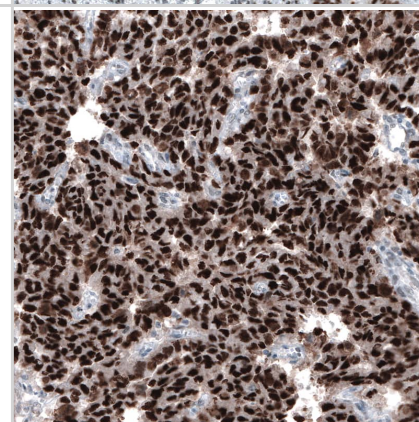
Analysis in human testis and cerebral cortex tissues using NBP3-44069 antibody. Corresponding Chk2 RNA-seq data are presented for the same tissues.



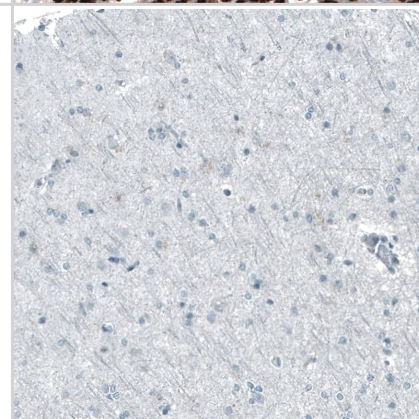
Staining of human endometrium shows strong nuclear positivity in glandular cells.



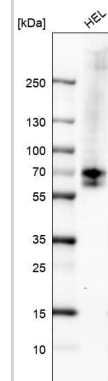
Staining of human embryonal carcinoma of testis shows strong nuclear positivity.



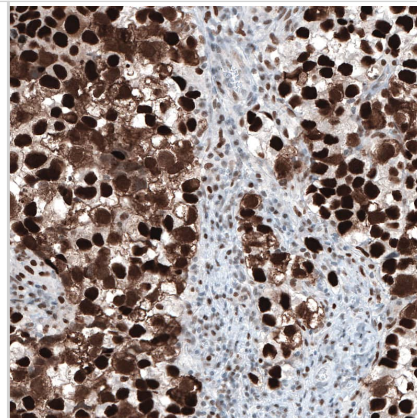
Staining of human cerebral cortex shows no positivity in neurons as expected.



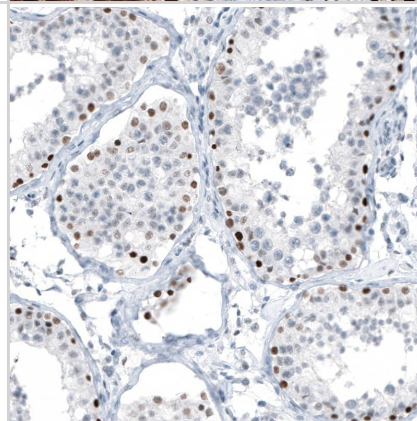
Analysis in human cell line HEL.



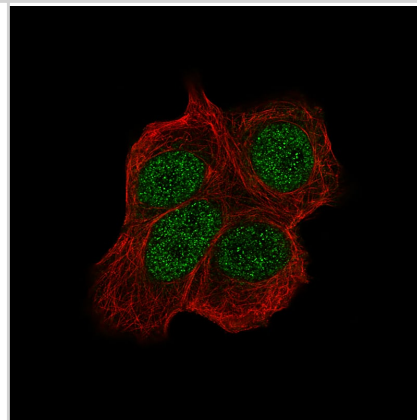
Staining of human testis cancer, seminoma shows strong nuclear positivity.



Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



Staining of MCF7 cells using the Anti-Chk2 monoclonal antibody) .





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Products Related to NBP3-44069

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP1-90024PEP | Chk2 Recombinant Protein Antigen |

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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