# Product Datasheet

## HMGB2 Antibody (8P10V5)
## NBP3-16774-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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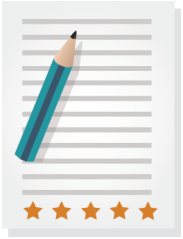

# NBP3-16774-100ul

HMGB2 Antibody (8P10V5)

## Product Information

| | |
|---|---|
| **Unit Size** | 100 ul |
| **Concentration** | Please see the vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at -20C. Avoid freeze-thaw cycles. |
| **Clonality** | Monoclonal |
| **Clone** | 8P10V5 |
| **Preservative** | 0.02% Sodium Azide |
| **Isotype** | IgG |
| **Purity** | Affinity purified |
| **Buffer** | PBS (pH 7.3), 50% glycerol, 0.05% BSA |

## Product Description

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| **Host** | Rabbit |
| **Gene ID** | 3148 |
| **Gene Symbol** | HMGB2 |
| **Species** | Human, Mouse, Rat |
| **Immunogen** | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HMGB2 (P26583). MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNFAEFSKKCSERWKT MSAKEKSKFEDMAKSDKARYDREMKNYVPPKGDKKGKKKDPNAPKRPPS |

## Product Application Details

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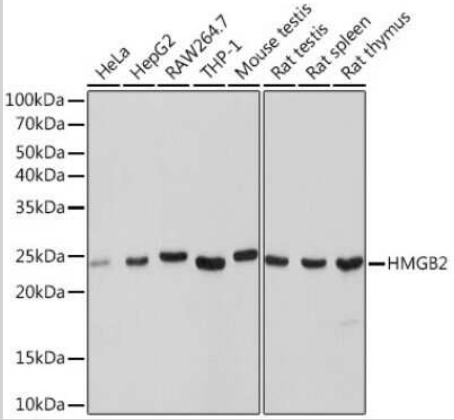
| **Applications** | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP) |
| **Recommended Dilutions** | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP) 1:500 - 1:1000 |

## Images

Western Blot: HMGB2 Antibody (8P10V5) [NBP3-16774] - Analysis of extracts of various cell lines, using HMGB2 Rabbit mAb (NBP3-16774) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



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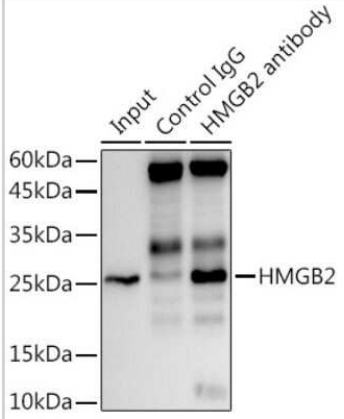
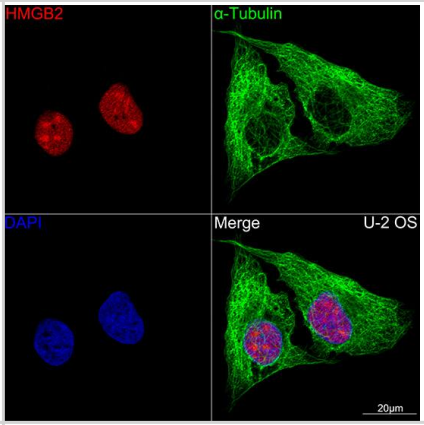
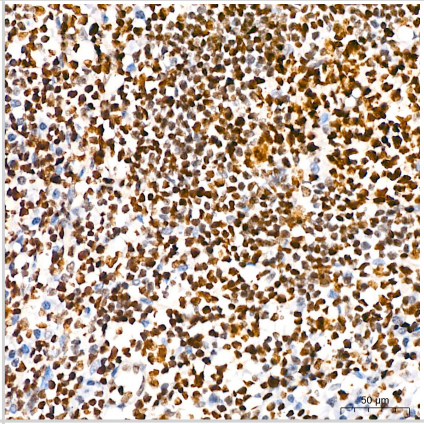
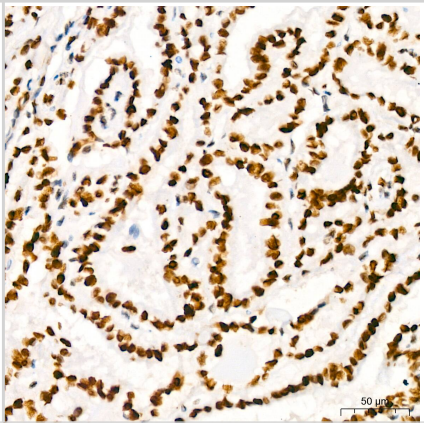
|---|---|
| Immunoprecipitation: HMGB2 Antibody (8P10V5) [NBP3-16774] - Analysis of 300ug extracts of Mouse testis cells using 3ug HMGB2 antibody (NBP3-16774). Western blot was performed from the immunoprecipitate using HMGB2 (NBP3-16774) at a dilition of 1:1000. |  |
| Immunocytochemistry/ Immunofluorescence: HMGB2 Antibody (8P10V5) [NBP3-16774] - Confocal imaging of U-2 OS cells using HMGB2 Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x. |  |
| Immunohistochemistry: HMGB2 Antibody (8P10V5) [NBP3-16774] - Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGB2 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining. |  |
| Immunohistochemistry: HMGB2 Antibody (8P10V5) [NBP3-16774] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using HMGB2 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining. |  |

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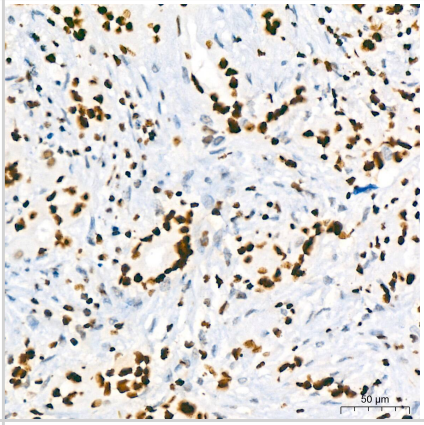
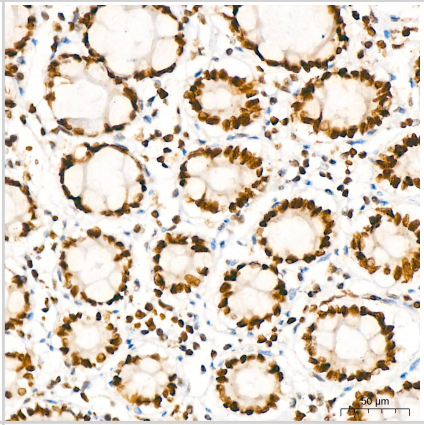
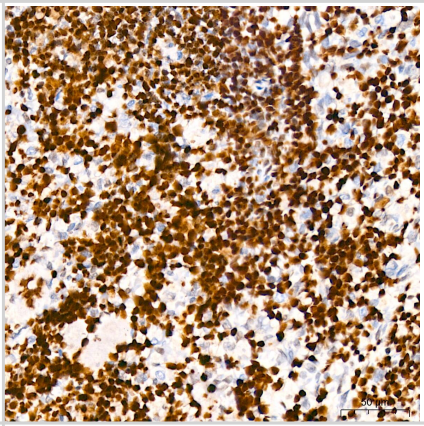
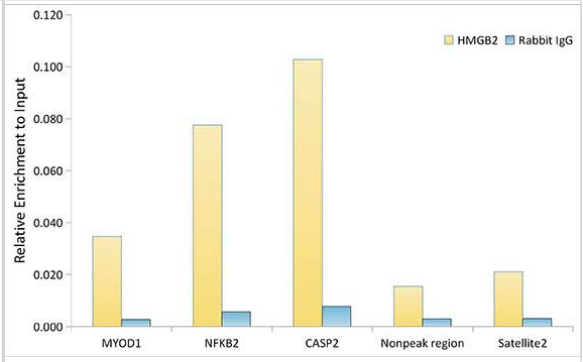
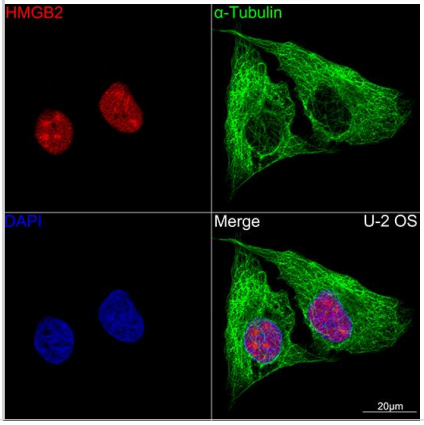
|---|---|
| Immunohistochemistry: HMGB2 Antibody (8P10V5) [NBP3-16774] - Immunohistochemistry analysis of paraffin-embedded Human breast cancer using HMGB2 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining. |  |
| Immunohistochemistry: HMGB2 Antibody (8P10V5) [NBP3-16774] - Immunohistochemistry analysis of paraffin-embedded Human colon using HMGB2 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining. |  |
| Immunohistochemistry: HMGB2 Antibody (8P10V5) [NBP3-16774] - Immunohistochemistry analysis of paraffin-embedded Rat spleen using HMGB2 Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining. |  |
| Chromatin Immunoprecipitation: HMGB2 Antibody (8P10V5) [NBP3-16774] - Chromatin immunoprecipitation analysis of extracts from HepG2 cells, using HMGB2 antibody and rabbit IgG.The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input. |  |

Immunocytochemistry/ Immunofluorescence: HMGB2 Antibody (8P10V5) [HMGB2] - Confocal imaging of U-2 OS cells using HMGB2 Rabbit mAb . The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



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## Products Related to NBP3-16774-100ul

| | |
|---|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP1-72386-100ug | Recombinant Human HMGB2 His Protein |

**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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