## **Product Datasheet**

# SOX2 Antibody (SOX2/3811R) NBP3-07893-100ug

Unit Size: 100 ug Store at 4C.

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## NBP3-07893-100ug

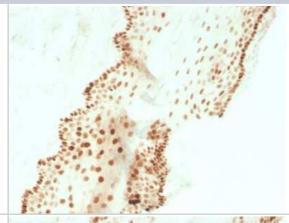
| SOX2 Antibody (SOX2/3811R)  |                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Information         |                                                                                                                                                                                                                                                                                                                                                                       |
| Unit Size                   | 100 ug                                                                                                                                                                                                                                                                                                                                                                |
| Concentration               | 0.2 mg/ml                                                                                                                                                                                                                                                                                                                                                             |
| Storage                     | Store at 4C.                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                            |
| Clone                       | SOX2/3811R                                                                                                                                                                                                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                   |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                               |
| Buffer                      | 10 mM PBS with 0.05% BSA                                                                                                                                                                                                                                                                                                                                              |
| Target Molecular Weight     | 34 kDa                                                                                                                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                       |
| Description                 | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml.(NBP3-08524)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.                                                                                 |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                |
| Gene ID                     | 6657                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | SOX2                                                                                                                                                                                                                                                                                                                                                                  |
| Species                     | Human, Mouse                                                                                                                                                                                                                                                                                                                                                          |
| Marker                      | Embryonic Stem Cell Marker                                                                                                                                                                                                                                                                                                                                            |
| Immunogen                   | Recombinant fragment (within aa176-305) of human SOX2 protein (exact sequence is proprietary) (Uniprot: P48431)                                                                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, ELISA, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot 1-2 ug/ml, ELISA 2-4 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml                                                                                                                                                                                                                                                                                      |
| Application Notes           | ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.  Optimal dilution for a specific application should be determined. |



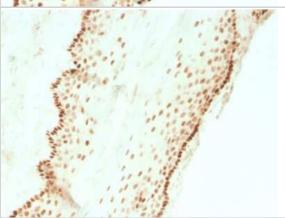
Optimal dilution for a specific application should be determined.

## **Images**

Immunohistochemistry-Paraffin: SOX2 Antibody (SOX2/3811R) [NBP3-07893] - Formalin-fixed, paraffin-embedded human cervical carcinoma stained with SOX2 Recombinant Rabbit Monoclonal Antibody (SOX2/3811R).



Immunohistochemistry-Paraffin: SOX2 Antibody (SOX2/3811R) [NBP3-07893] - Formalin-fixed, paraffin-embedded human cervical carcinoma stained with SOX2 Recombinant Rabbit Monoclonal Antibody (SOX2/3811R).





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## Products Related to NBP3-07893-100ug

HAF008 Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160 Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891 Rabbit IgG Isotype Control

NBP2-35268-5ug Recombinant Human SOX2 TAT 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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