

# Product Datasheet

## SOS1 Antibody (SOS-01) - BSA Free NB110-68800

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB110-68800**

SOS1 Antibody (SOS-01) - BSA Free

| Product Information     |                             |
|-------------------------|-----------------------------|
| Unit Size               | 0.1 mg                      |
| Concentration           | 1.0 mg/ml                   |
| Storage                 | Store at 4C. Do not freeze. |
| Clonality               | Monoclonal                  |
| Clone                   | SOS-01                      |
| Preservative            | 0.9% Sodium Azide           |
| Isotype                 | IgG1                        |
| Purity                  | Protein A purified          |
| Buffer                  | PBS (pH 7.4)                |
| Target Molecular Weight | 150 kDa                     |

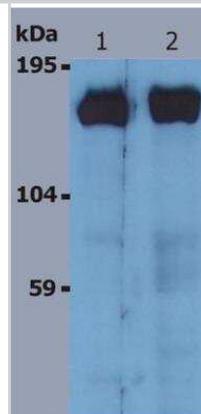
| Product Description     |   |
|-------------------------|---|
| Host                    | Mouse   |
| Gene ID                 | 6654  |
| Gene Symbol             | SOS1  |
| Species                 | Human, Mouse  |
| Reactivity Notes        | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Specificity/Sensitivity | The SOS-01 reacts with human Sos, an ubiquitously expressed 150 kDa intracellular protein.  |
| Immunogen               | Peptide corresponding to amino acids THPSMHRDGPPLLENAHSS of human Sos protein (NM_005633.3)   |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence                      |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:2000  |
| Application Notes           | WB: Use under reducing conditions. Antibody purity is > 95% (by SDS-PAGE). |

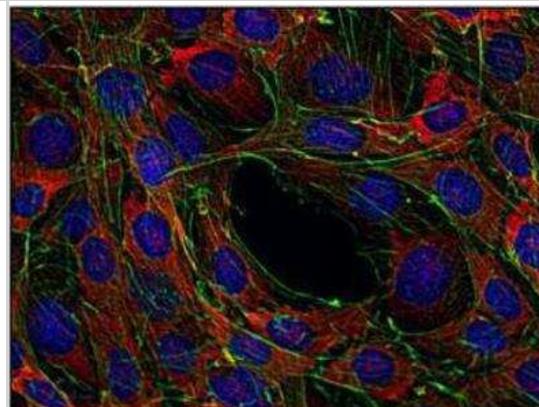


## Images

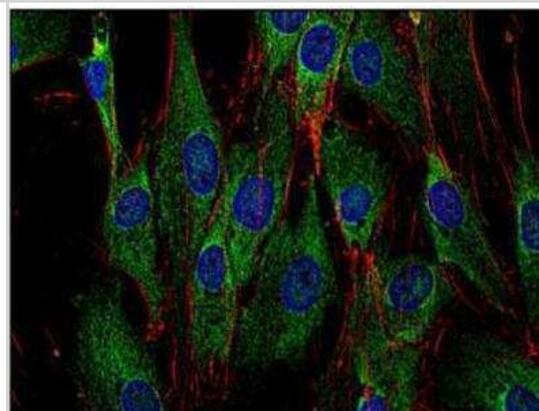
Western Blot: SOS1 Antibody (SOS-01) [NB110-68800] - Analysis (reducing conditions) of human Sos using anti-human Sos (SOS-1). Lane 1: K562 human Caucasian chronic myeloid leukemia cell line Lane 2: RAJI human Burkitt lymphoma cell line



Immunocytochemistry/Immunofluorescence: SOS1 Antibody (SOS-01) [NB110-68800] - Staining of Sos in murine transformed fibroblasts using anti-Sos (SOS-01; red). Actin cytoskeleton was decorated by phalloidin (green) and cell nuclei stained with DAPI (blue).



Immunocytochemistry/Immunofluorescence: SOS1 Antibody (SOS-01) [NB110-68800] - Staining of Sos in human primary fibroblasts using anti-Sos (SOS-01; green). Actin cytoskeleton was decorated by phalloidin (red) and cell nuclei stained with DAPI (blue).





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### **Products Related to NB110-68800**

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|                  |   |
|------------------|---|
| 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)                        |
| NB110-68800UV    | SOS1 Antibody (SOS-01) [DyLight 350]                    |

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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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