

**CCS Antibody (clone 3A1)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS14793****Specification**

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**CCS Antibody (clone 3A1) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC                |
| Primary Accession | <a href="#">O14618</a> |
| Reactivity        | Human                  |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 29kDa KDa              |

**CCS Antibody (clone 3A1) - Additional Information****Gene ID** 9973**Other Names**

Copper chaperone for superoxide dismutase, Superoxide dismutase copper chaperone, CCS

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

CCS Antibody (clone 3A1) is for research use only and not for use in diagnostic or therapeutic procedures.

**CCS Antibody (clone 3A1) - Protein Information****Name** CCS ([HGNC:1613](#))**Function**

Delivers copper to copper zinc superoxide dismutase (SOD1).

**Cellular Location**

Cytoplasm.

**Tissue Location**

Ubiquitous.

**Volume**

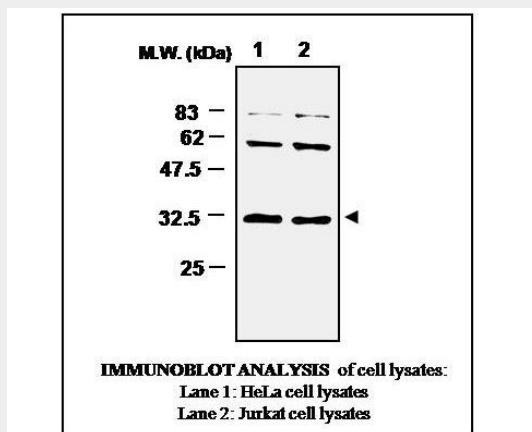
50 µl

**CCS Antibody (clone 3A1) - Protocols**

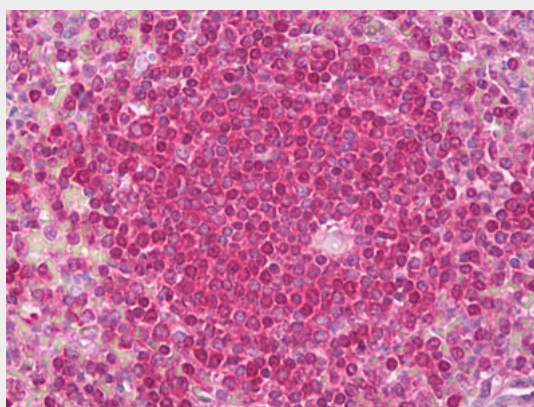
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CCS Antibody (clone 3A1) - Images



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Anti-CCS antibody IHC of human spleen, lymphocytes.

## CCS Antibody (clone 3A1) - Background

Delivers copper to copper zinc superoxide dismutase (SOD1).

## CCS Antibody (clone 3A1) - References

- Culotta V.C.,et al.J. Biol. Chem. 272:23469-23472(1997).  
 Banci L.,et al.ChemBioChem 14:1839-1844(2013).  
 Bhat K.S.,et al.Submitted (MAY-2002) to the EMBL/GenBank/DDBJ databases.  
 Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.  
 Casareno R.L.B.,et al.J. Biol. Chem. 273:23625-23628(1998).