# SCXA Antibody

Mouse Monoclonal Antibody [Clone PCRP-SCXA-1D2]

| Catalog No | Format | Size |
|---|---|---|
| 642658-MSM1-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 642658-MSM1-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 642658-MSM1-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

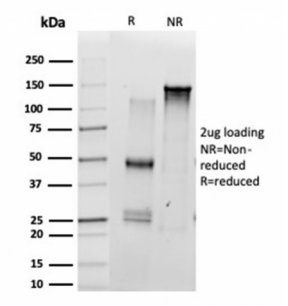
| Applications | Tested Dillution | Note |
|---|---|---|
| Flow Cytometry (Flow) | 1-2ug/million cells | |
| Immunofluorescence (IF) | 1-3ug/ml | |

## Product Details

| | |
|---|---|
| **Clone** | PCRP-SCXA-1D2 |
| **Gene Name** | SCX |
| **Immunogen** | Recombinant full-length human SCXA protein |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG2a |
| **Mol. Weight of Antigen** | 22kDa |
| **Cellular Localization** | Nucleus |
| **Species Reactivity** | Human |
| **Positive Control** | HeLa or HepG2 cells. |

**Optimal dilution for a specific application should be determined.*

## Product Images for SCXA Antibody




SDS-PAGE Analysis of Purified SCXA Mouse Monoclonal Antibody (PCRP-SCXA-1D2). Confirmation of Purity and Integrity of Antibody.

## Specificity & Comments

Transcription factors are proteins that bind DNA adjacent to genes and control the production of mRNA transcripts. Scleraxis (basic helix-loop-helix transcription factor scleraxis) is a 201 amino acid protein that dimerizes with another bHLH protein to initiate transcription. Scleraxis is known to play a role in formation of mesoderm and somite-derived chondrogenic lineages. Scleraxis localizes to the nucleus and contains one bHLH domain. bHLH transcription factors, in general, function in cellular differentiation, proliferation, and oncogene regulation. The gene encoding Scleraxis maps to human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies. Schizophrenia, bipolar disorder, Trisomy 8, Pfeiffer syndrome, congenital hypothyroidism, Waardenburg syndrome and some leukemias and lymphomas are thought to occur as a result of defects in specific genes that map to chromosome 8.

## Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

## Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.