

## Monoclonal Mouse Antibody to Galactocerebroside (Anti-)

### Description:

Immunogen:	BALB/c mice were immunized with synaptic plasma membranes from bovine hippocampus.
Clone:	mGalC
Isotype:	Mouse IgG <sub>3</sub>
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded as well as acetone fixed cryostat tissue sections. No further titration is required.
Specificity:	Galactocerebroside (GalC) is the major galactosphingolipid of myelin. It is located on the surfaces of oligodendrocytes of the central nervous system and Schwann cells in the peripheral system and plays an important role in myelination. Anti-GalC cross reacts with the sulfate ester of GalC, but to a 16 fold lesser extent. It does not cross-react with sphingosine, ceramide, mixed ganglioside, or glucocerebroside. Anti-GalC binds specifically to oligodendrocytes and Schwann cells.
Species Reactivity:	Bovine, rat, rabbit, and human. Others not tested.
Positive Control:	Central Nervous System (brain) for oligodendrocytes and Peripheral Nervous System (spinal cord) for Schwann Cells.

**Uses/Limitations:** Immunohistochemistry  
For Research Use Only.  
Do not use past expiration date.

**Storage:** 2-8° Centigrade.

**Procedure:** ScyTek Laboratories, Inc. suggests an incubation period of 60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubations should be determined by the user.

**Precautions:** Contains Sodium Azide as a preservative.  
Do not pipette by mouth.