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# TECHNICAL INFORMATION

## ImmunO™

Catalog Number: 691102
**Mouse Anti-Glial Fibrillary Acidic Protein (GFAP) Monoclonal**

**Form:** Liquid. The antibody (from ascites) is in phosphate buffered saline, pH 7.6, with 1% BSA.
**Ig Class:** $IgG_1$
**Clone:** GA-5
**Immunogen:** GFAP isolated from porcine spinal cord.
**Specificity:** This antibody stains glial cells (Bergmann glia) and astrocytes[5]. Anti-GFAP localizes specifically GFAP by immunoblot. This antibody has been tested for immunohistochemistry in human, pig, and rat.
**Titer:** Immunohistochemical use: 1:50 to 1:100. It is recommended that the individual lab obtain their own optimal dilution for their assay.
**Control Tissue:** Astrocytoma or Cerebellum
**Note:** This antibody is designed for the specific and qualitative localization of GFAP in formalin-fixed paraffin-embedded tissue sections.
**References:**

– Lazarides, E. **Nature 28**: 249-256, 1980.
– Osborn, M.m et al., **Exp. Cell Res., 125**: 37-46, 1980.
– Paetau, A., et al., **Acta Neuropath., 47**: 1-74, 1979
– Duffy, P., et al., **J. Neuropath. Exp. Neurol. 36**: 645-652, 1977.
– Dubos,E., et al., **Differentiation 25**, 193, 1983.
– Eng, LF, et al. **Brain Research 28**: 351-354, 1971.
– Bignami A., et al. "Glial fibrillary acidic (GFA) protein in normal neural cells and in pathological conditions," In **Advances in Cellular Neurobiology, Vol. 1**, S. Fedoroff and L. Hertz, Eds. Academic Press, New York, pp. 285-310, 1980.

**Note:** This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.

Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.