



Product Information

Mouse IgA, λ (MOPC 315)
Purified Immunoglobulin

Product No. **M 2046**

Product Description

The MOPC 315 tumor line that produces mouse IgA, λ is a mineral oil-induced plasmacytoma originated and carried subcutaneously in BALB/c mice. The hapten binding specificity of the MOPC 315 line is for nitrophenylated proteins. The IgA, λ purified from ascites fluid is provided as a solution in 0.02 M Tris buffered saline, pH 8.0, containing 0.02% sodium azide (see MSDS*) as a preservative.

Specificity of the mouse IgA, λ is determined by Ouchterlony Double Diffusion (ODD).

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the purified immunoglobulin followed by diffusion versus anti-mouse whole serum and anti-mouse IgA results in single arcs of precipitation.

Precautions

*Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling practices.

Product Profile

Each vial contains at least 1 mg of purified myeloma protein. Protein concentration is 1.0 mg/ml as determined by the absorbance at 280nm ($E_{280}^{1\%} = 14.0$).

Polyacrylamide gel electrophoresis (PAGE) analysis of the purified IgA, λ shows two bands of protein (under reduced conditions) when stained using Reactive Blue R (Coomassie Blue).

Storage

The product may be stored frozen in working aliquots. Repeated freezing and thawing is **not** recommended.

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