

Product Datasheet

Anti-Chlamydia trachomatis 6709 SP-5 100073

| | |
|----------------------------|---|
| Product Name | Anti-Chlamydia trachomatis 6709 SP-5 |
| Catalog Number | 100073 |
| Description | Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components. |
| Tested Applications | FIA |
| Immunogen | Chlamydia LGV2 strain |
| Brand | Medix Biochemica |
| Form/Appearance | Liquid, may turn slightly opaque during storage |
| Concentration | 5.0 mg/ml (+/- 10 %) |
| Storage | +2-8°C |
| Note | Clone 6709 binds to chlamydial lipopolysaccharide (LPS) and therefore recognizes all chlamydias. |
| Isotype | IgG2a |
| Clonality | Monoclonal |
| Epitope | Chlamydial LPS KDO-trisaccharide |
| Purity | ≥ 95 % |
| Affinity constant | N/D |
| Buffer | 0.9 % NaCl, 0.095 % NaN ₃ as a preservative |
| IEF Profile | 6.7-7.5 |
| Cross Reactivity | Recognizes <i>C. pneumoniae</i> and <i>C. psittaci</i> . Does not recognize <i>S. minnesota</i> , <i>B. quintana</i> , <i>B. henselae</i> or <i>S. negevensis</i> . |
| Specificity | Antibody recognizes <i>Chlamydia trachomatis</i> LPS |
| Shelf Life | 36 months |
| References | Tiirola, T., Jaakkola, A., Bloigu, A., Paldanius, M., Sinisalo, J., Nieminen, M.S., SilvennoinenKassinen, S., Saikku, P., Jauhiainen, M. and Leinonen, M. (2006) Novel enzyme immunoassay utilizing lipopolysaccharide-binding protein as a capture molecule for the measurement of chlamydial lipopolysaccharide in serum. <i>Diag. Microbiol. Inf. Dis.</i> 54:7-12 |