Monoclonal Anti-Porcine CD45, Clone 74-9-3 (produced in vitro)

Catalog No. NR-28542
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For research use only. Not for human use.

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Manufacturer: BEI Resources

Product Description:
Antibody Class: IgMk
Mouse monoclonal antibody prepared against porcine CD45 was purified from clone 74-9-3 hybridoma supernatant by mannan binding protein affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0-Ag14 mouse myeloma cells with splenocytes from BALB/c mice that had been immunized with thymocytes from dd miniature swine.1 Clone 74-9-3 was assigned to CD45 at the First International Swine CD Workshop.2

Material Provided:
Each vial of NR-28542 contains approximately 100 μL of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
NR-28542 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. NR-28542 should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-28542 is reported to be cytotoxic against all populations of swine leukocytes, to function in flow cytometry assays, to immunoprecipitate a high molecular weight complex of three polypeptide chains, and to react with all isoforms of porcine CD45.3

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Porcine CD45, Clone 74-9-3 (produced in vitro), NR-28542.”

Biosafety Level: 1

Disclaimers:
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References:


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