

Anti-Mouse Osteopontin (100D3) In Vivo Antibody - Low Endotoxin

Product Code: ICH1266

More Information

Species Reactivity: Human, Mouse

Target: Osteopontin

Concentration: >1.0 mg/ml

Isotype: Mouse IgG2c

Host: Mouse

product name H2: Anti-Mouse Osteopontin (100D3) In Vivo Antibody - Low Endotoxin

Aggregation: Aggregation level \leq 5%

Buffer: ICH3002

UniProt: P10451

Shipping Conditions: Blue ice

background: Osteopontin is a secreted phosphoprotein that drives cell adhesion, immune signaling, and tissue remodeling, with roles spanning inflammation, fibrosis, and cancer biology. Clone 100D3 is a mouse IgG2c monoclonal antibody recognizing osteopontin across human and mouse samples, validated for functional assays, flow cytometry, immunocytochemistry, immunohistochemistry, immunoprecipitation, and RIA. Anti-osteopontin clone 100D3 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput studies. With dependable lot-to-lot consistency, it is a versatile reagent for osteopontin-focused immunology and tissue-remodeling research, offered for research use only.

Other names: SPP1

clone: 100D3

Specificity: Osteopontin

Purification Method: This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.

Purity: >95% by SDS-PAGE

Endotoxin: ≤ 1.0 EU/mg as determined by the LAL method

Storage: Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: Functional Assays, Flow Cytometry, ImmunoCytoChemistry, Immunohistochemistry, ImmunoPrecipitation, RIA

Application Notes: This antibody is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.