

Human Osteopontin/SPP-1 protein (Recombinant) (C-His) (STJP002678)

GENERAL INFORMATION

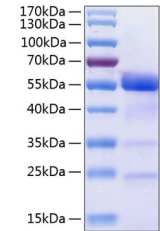
Product Type Proteins
Short Description
Host/Source HEK293 cells

PRODUCT PROPERTIES

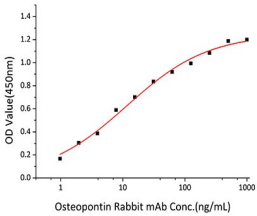
Concentration
Formulation Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Purification
Dilution Range > 87% by SDS-PAGE.
Storage Instruction Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

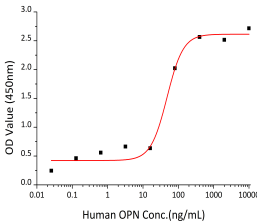
Gene ID 6696
Gene Symbol SPP1
Uniprot ID OSTP_HUMAN
Immunogen Sequence



Recombinant Human Osteopontin/SPP-1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55 kDa.



Immobilized recombinant Human SPP1 Protein at 1 Mu g/mL (100 Mu L/well) can bind Osteopontin Rabbit mAb with a linear range of 0.976-11.58 ng/mL.



Recombinant Human Osteopontin/SPP-1 immobilized protein to support the adhesion of B16 cells. When 5A10⁻⁴c/sup> cells/well are added to a Recombinant Human (H) Osteopontin/OPN coated plate, cell adhesion is enhanced in a dose-dependent manner after 1 hour incubation at 37 A°C. The ED₅₀ for this effect is 23.9-95.7 ng/mL.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081