

Anti-Osteopontin/OPN/SPP1 antibody (17-294) (STJ11105182)

STJ11105182

GENERAL INFORMATION

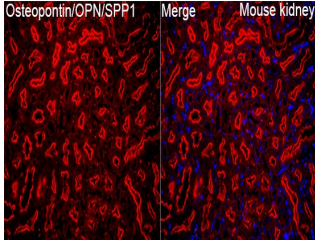
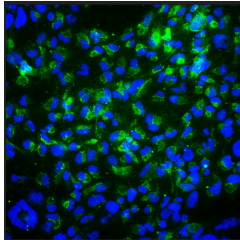
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Mouse

PRODUCT PROPERTIES

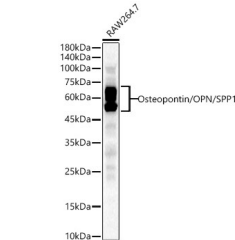
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
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	20750
Gene Symbol	Spp1
Uniprot ID	OSTP_MOUSE
Immunogen	
Immunogen Region	17-294
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 17-294 of mouse osteopontin/OPN/SPP1 (NP_001191162.1).
Immunogen Sequence	LPVKVTDSGSSEKLYSLHP DPIATWLVPDPSQKQNLAP QNAVSSEKDDFKQETLPSN SNESHDMDDDDDDDDGDDG HAESDSVDSDESDESHSD ESDETVTASTQADTFPIVP TVDVPNGRGDSLAYGLRSKS RSFQVSDEQYPDATDEDLTS HMKSGESKESLDVIPVAQLL SMPSDQDNNGKGSHESSQLD EPSLETHRLEHSKESQESAD QSDVIDSQASSKASLEHQ



Immunofluorescence analysis of a paraffin-embedded mouse kidney tissue using Anti-Osteopontin/OPN/SPP1 Rabbit polyclonal antibody (STJ11105182) at 1:100 dilution (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Western blot analysis of lysates from RAW264.7 cells, using Anti-Osteopontin/OPN/SPP1 Rabbit polyclonal antibody (STJ11105182) at 1:700 dilution. Secondary antibody: HRP-Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

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.
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