

Osteopontin Monoclonal Antibody (7C5H12)

Product Details

Size	100 µg
Species Reactivity	Human
Published Species	Rabbit, Human
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	7C5H12
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human SPP1 (amino acids: 167-314) expressed in E. Coli.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS
Contains	0.05% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2538651

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:200 - 1:1000	1 Publication
Immunofluorescence (IF)	1:200 - 1:1000	-
Immunohistochemistry (IHC)	1:200 - 1:1000	2 Publications
Western Blot (WB)	1:500 - 1:2000	-

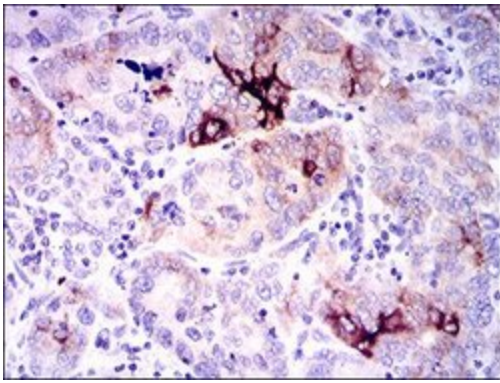
Product Specific Information

MA5-17180 targets SPP1 in ICC, IHC, IF and WB applications and shows reactivity with Human samples.

The MA5-17180 immunogen is purified recombinant fragment of human SPP1 (amino acids: 167-314) expressed in E. Coli.

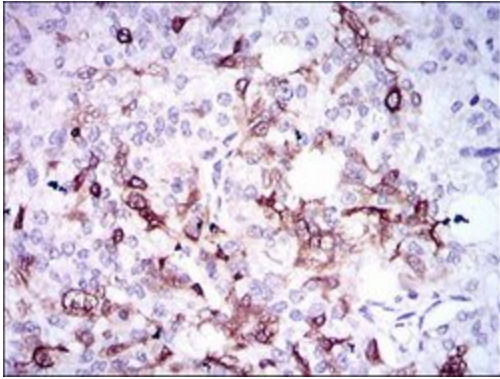
MA5-17180 detects SPP1 which has a predicted molecular weight of approximately 35.4kDa.

Product Images For Osteopontin Monoclonal Antibody (7C5H12)



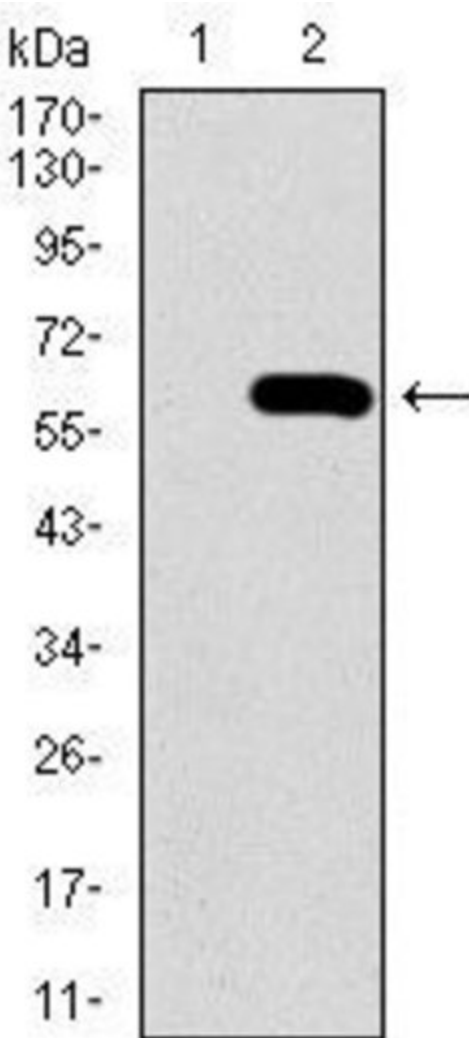
Osteopontin Antibody (MA5-17180) in IHC

Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using SPP1 monoclonal antibody (Product # MA5-17180) followed with DAB staining.



Osteopontin Antibody (MA5-17180) in IHC

Immunohistochemical analysis of paraffin-embedded prostate cancer tissues using SPP1 monoclonal antibody (Product # MA5-17180) followed with DAB staining.



Osteopontin Antibody (MA5-17180) in WB

Western blot analysis of SPP1 using SPP1 monoclonal antibody (Product # MA5-17180) in HEK293 (1) and SPP1 (AA: 167-314) human IgG Fc transfected HEK293 (2) cell lysate.

View more figures on thermofisher.com

3 References

Immunohistochemistry (2)

Acta chirurgica brasileira

The effect of graft application and simvastatin treatment on tibial bone defect in rats. A histological and immunohistochemical study.

"Published figure using Osteopontin monoclonal antibody (Product # MA5-17180) in Immunohistochemistry"

Authors: Laçin N,zol BS,Özkorkmaz EG,Deveci B,Tuncer MC

Species

Not Applicable

Dilution

Not Cited

Year

2019

Biomaterials

Regeneration of a goat femoral head using a tissue-specific, biphasic scaffold fabricated with CAD/CAM technology.

"MA5-17180 was used in immunohistochemistry to study the use of CAD/CAM technology to aid the construction of biphasic scaffolds for the tissue engineering repair of the femoral head in a goat model"

Authors: Ding C,Qiao Z,Jiang W,Li H,Wei J,Zhou G,Dai K

Species

Human

Dilution

1:200

Year

2013

Immunocytochemistry (1)

Tissue engineering. Part A

Restoration of critical-size defects in the rabbit mandible using porous nanohydroxyapatite-polyamide scaffolds.

"MA5-17180 was used in immunocytochemistry to study the use of porous nanohydroxyapatite-polyamide-based scaffolds to aid the repair of rabbit mandible bone defects"

Authors: Guo J,Meng Z,Chen G,Xie D,Chen Y,Wang H,Tang W,Liu L,Jing W,Long J,Guo W,Tian W

Species

Rabbit

Dilution

1:500

Year

2012

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.