

## Product datasheet for **TA309877**

### Osteopontin (SPP1) Mouse Monoclonal Antibody [Clone ID: 1B20]

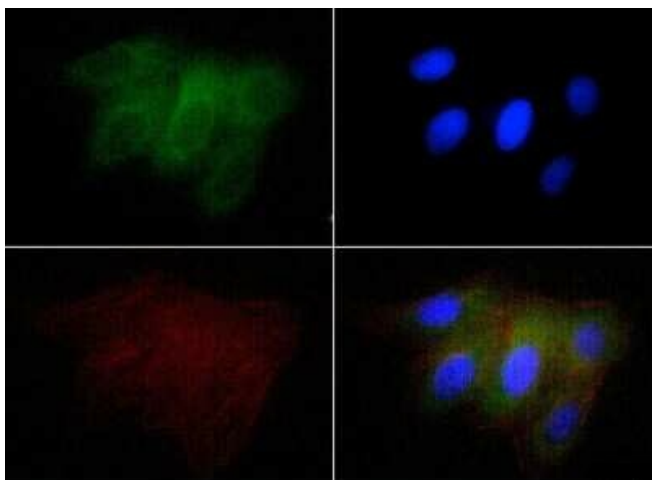
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1B20
Applications:	ICC/IF, IHC, IP, Simple Western, WB
Recommended Dilution:	Immunohistochemistry-Paraffin: 1:100, Immunohistochemistry-Frozen, Simple Western: 1:20, Immunohistochemistry: 1:100, Immunocytochemistry/ Immunofluorescence: 1:50, Immunoprecipitation: 1:10-1:500, Western Blot: 1:1000
Reactivity:	Human, Rabbit, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A synthetic peptide corresponding to the C-terminus of human Osteopontin [Swiss-Prot# P10451].
Formulation:	Tris-glycine, 150mM NaCl and 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	secreted phosphoprotein 1
Database Link:	<a href="#">NP_000573</a> <a href="#">Entrez Gene 25353 Rat</a> <a href="#">Entrez Gene 6696 Human</a> <a href="#">P10451</a>
Synonyms:	BNSP; BSPI; ETA-1; OPN
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	ECM-receptor interaction, Focal adhesion, Toll-like receptor signaling pathway

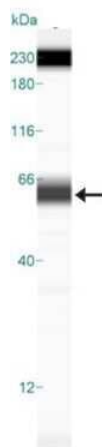


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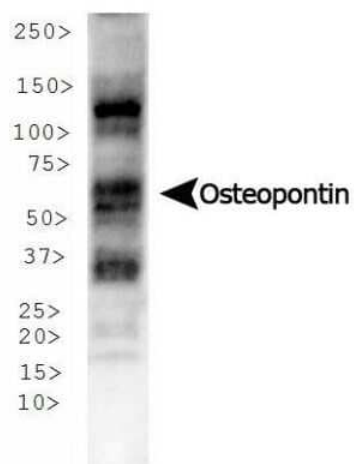
## Product images:



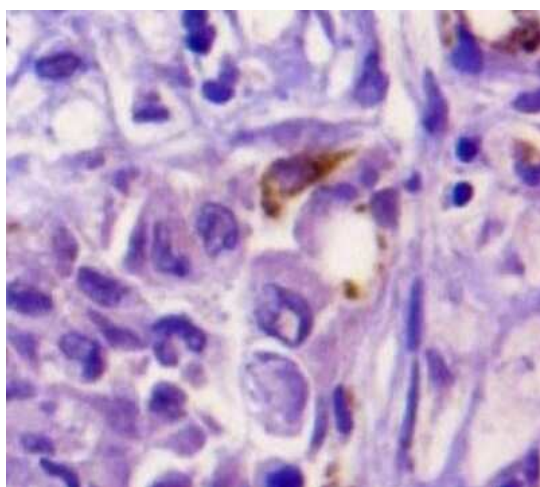
Immunocytochemistry/Immunofluorescence: Osteopontin/OPN Antibody (1B20) - BSA Free TA309877 - Osteopontin antibody was tested at 1:50 in U2OS cells with FITC (green). Nuclei and actin were counterstained with Dapi (blue) and Phalloidin (red).



Simple Western: Osteopontin/OPN Antibody (1B20) - BSA Free TA309877 - Simple Western lane view shows a specific band for Osteopontin in 0.5 mg/ml of Human Breast Cancer lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. \* Non-specific interaction with the 230 kDa Simple Western standard may be seen with this antibody



Western Blot: Osteopontin/OPN Antibody (1B20) - BSA Free TA309877 - Analysis of Osteopontin expression in U2OS whole cell lysate.



Immunohistochemistry: Osteopontin/OPN Antibody (1B20) - BSA Free TA309877 - Analysis of Osteopontin on human lung adenocarcinoma.