

**Anti-Osteopontin Reference Antibody (ASK8007)**  
**Recombinant Antibody**  
**Catalog # APR10747****Specification**

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**Anti-Osteopontin Reference Antibody (ASK8007) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P10451</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.02 KDa

**Anti-Osteopontin Reference Antibody (ASK8007) - Additional Information****Target/Specificity**  
Osteopontin**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Storage**  
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-Osteopontin Reference Antibody (ASK8007) - Protein Information****Name** SPP1**Synonyms** BNSP, OPN**Function**  
Major non-collagenous bone protein that binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction.**Cellular Location**  
Secreted

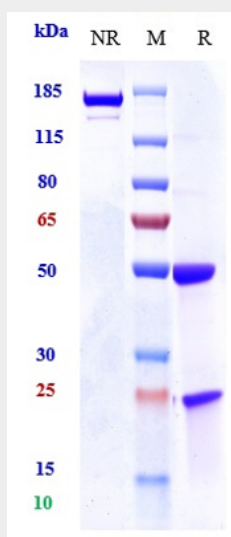
**Tissue Location**

Detected in cerebrospinal fluid and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717) Bone. Found in plasma.

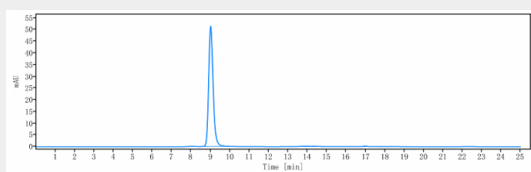
**Anti-Osteopontin Reference Antibody (ASK8007) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Osteopontin Reference Antibody (ASK8007) - Images**

Anti-Osteopontin Reference Antibody (ASK8007) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 97.4%



The purity of Anti-Osteopontin Reference Antibody (ASK8007) is more than 98.51%, determined by SEC-HPLC.