

Product Datasheet

Osteopontin Antibody

Catalog No: CY5333

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



Information

UniProt ID: P10451

All Names: BNSP; Bone sialoprotein 1; bone sialoprotein I; BSPI; early T-lymphocyte activation 1; ETA-1; MGC110940; Nephropontin; OPN; Osteopontin; osteopontin/immunoglobulin alpha 1 heavy chain constant region fusion protein; OSTP; Secreted phosphoprotein 1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 35 kDa

Application

WB: 1:500~1:2000

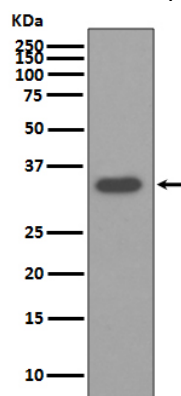
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

FC: 1:30

Background

osteopontin Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. Belongs to the osteopontin family. Ligand for integrin alpha-V/beta-3. 4 isoforms of the human protein are produced by alternative splicing.



Western blot analysis of Osteopontin expression in HepG2 cell lysate.

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