



Anti (MAP) Osteocalcin

1. Description

Host animal	Rabbits
Source (Volume)	Whole serum (100ul)
Titer	According to the ELISA assay, results are positive for dilutions up to 50,000 fold against linear synthetic peptides and 10,000 fold against bone extract.
Source of antigen	Multiple antigen peptide *
Cross reactivity	Cross react with rat, bovine, human and mouse.*
Characteristic	Does not cross react with Type I, II, III, IV, V, VI collagen, laminin and fibronectin. Appears as a single band by Western blotting.
Standard dilution	More than 1:50 dilution (recommended: 1/50~1/200) using a chemiluminescent method and more than 1:200 dilution using Western Blotting.

* Cross reaction will differ between species. The above dilution is only a recommendation and the optimum concentration may differ for each case. MAP sequence match 17 out of 18 amino acids of the rat, 16/18 aa of the bovine, 16/18 aa of the monkey, 15/18 aa of the human, 15/18 aa of the cat, 13/18 aa of the mouse. The MAP contains the CEL sequence of Osteocalcin

2. Storage

Store below -20°C (below -70°C for prolonged storage).
After thawing, store in small aliquots in sealable vials and store below -70°C. To prevent degradation from repeated thawing, store the antiserum between 0 to 4°C after second thawing.

3. Stability

Stable for three years at -70°C.
This product does not contain preservatives such as NaN3.

For research use only; not for use as a diagnostic.

