

**Anti-Alkaline phosphatase (Bovine)  
Mouse monoclonal antibody**

Subclass: IgG1/k

PRODUCT NO.

**HYB 252-08**

Clone:3F11

PRESENTATION

Preparation: Protein-A/G purified

Content: Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.

Solvent: 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide

Storage: 4-8°C without exposure to light. No precautions necessary during handling.

ANTIGEN

Alkaline phosphatase is a hydrolase enzyme responsible for removing phosphate groups (dephosphorylation) from many types of molecules, including nucleotides, proteins, and alkaloids.

Alkaline phosphatase is made in the liver, bone, and the placenta and normally present in high concentrations in growing bone and in bile.

IMMUNOGEN

Alkaline phosphatase from calf intestine adsorbed onto aluminum hydroxide gel

SPECIFICITY

Alkaline phosphatase

EPI TOPE SPECIFICITY

Not determined

REACTIVITY

When alkaline phosphatase is coupled to streptavidin and immobilized to the solid phase in ELISA, HYB 252-08 binds strongly to the presented alkaline phosphatase.

CULTURE MEDIUM

RPMI 1640 with 2-10% fetal calf serum

FUSION PARTNER

X63-Ag8.653

IMMUNIZATION

Female BALB/c mice immunized by intraperitoneal injection

APPLICATION

Method	Usability	References
ELISA	Yes	
Immunoblotting	Not determined	
Immunohistochemistry	Not determined	

REFERENCES

**CONDITIONS**

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