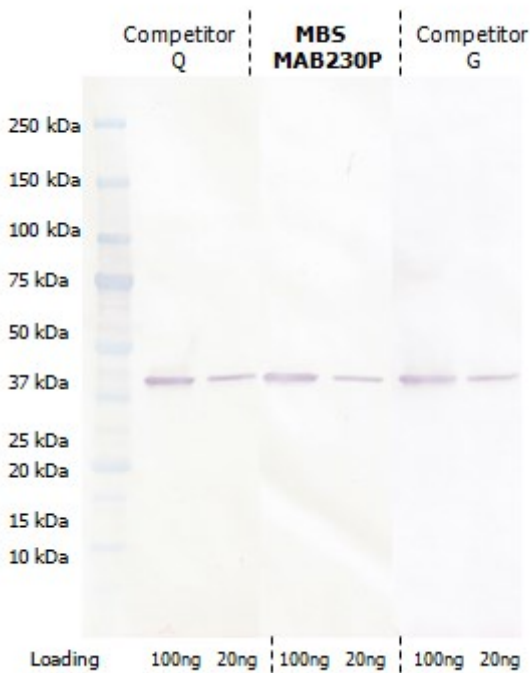


Monoclonal Antibody to (HIS) tag

MAB230P, a monoclonal antibody specific for the polyhistidine (HIS) tag, is part of a growing list of MBS products aimed at assisting our customers in the detection of recombinant proteins. HIS-tag is the most popular recombinant protein tag and MAB230P is being widely sampled and used by customers with need for a high affinity, highly specific HIS-tag antibody. MBS R&D developed the murine antibody using 6X-His-KLH. The internal development and production of MAB230P allows MBS to maintain the highest quality standards and the ability to offer the lowest possible price.

Best Value in the Marketplace

Competitor Comparison Data



The MAB used in the 2nd generation improved **Forte Bio Dip and Read™** **Anti-HIS (HIS2) Biosensors**

- **Highly Specific:**
Does not bind to E. coli host cell proteins
- **Excellent Sensitivity:**
Detects nanogram quantities of HIS-tagged proteins
- **Reliability:**
Minimal lot to lot variability
- **Strong Affinity:**
8.85 x 10⁻¹² M by Forte Bio Octet Red
- **Broadly Reactive:**
Recognizes (HIS)-tags of 4X or greater engineered at either the N- or C- terminus of the protein

MAB230P demonstrates equal performance by western blot with the two leading competitor HIS-tag antibodies, offered at the lowest cost.

Monoclonal Antibody to Maltose Binding Protein

Maltose Binding Protein (MBP) tags have demonstrated utility to increase expression and proper folding of proteins expressed in bacteria leading to improved solubility of the partner protein.

Maine Biotechnology Services has developed a monoclonal antibody specific for Maltose Binding Protein (MBP) to optimize detection and purification of recombinant proteins utilizing MBP tags. MAB231P has been confirmed by western blot and ELISA to recognize MBP irrespective of the vector used for expression.

DATA

