

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

S100A1 Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 56201

Size: 200 ul IgG prepared by ammonium sulfate precipitation in PBS, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Alum denatured porcine S100A1.

Host Species: Sheep

Stabilizers: None

Preservatives: None. Available upon request.

SPECIFICITY

This antibody reacts with bovine and porcine S100A1 in immunoblots. Immunoreactivity with recombinant rat and human S100A1 and recombinant human S100A4 is reduced when compared to native bovine and porcine S100A1. Does not react with human S100A2 in immunoblots. This antibody reacts with bovine, rat, and recombinant S100B in immunoblots but less than 5% cross-reactivity with S100B is seen in competition radioimmunoassays. Cross-reactivity with other members of the S100 family has not been investigated.

APPLICATIONS

This antibody may be used in immunohistochemistry, immunocytochemistry, radioimmunoassays, and Western blots to detect or quantitate S100A1.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system. For Western blots using an avidin-biotin secondary antibody system, a 1:50 dilution has been used successfully. For indirect immunofluorescence, a 1:2 dilution has been used successfully. Optimal dilutions should be determined for each assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

REFERENCES

Zimmer and Landar. 1995. Jour Neurochemistry 64: 2727; Van Eldik et al. 1988. Jour Biol Chem 263: 7830.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.