

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

S100B Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 56202

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

SPECIFICATION SUMMARY

Antigen: Bovine S100B.

Host Species: Sheep

Stabilizers: None

Preservatives: None. Available upon request.

SPECIFICITY

This antibody reacts with native and recombinant bovine S100B. It also recognizes bovine and porcine S100A1 in immunoblots, but only 5% cross-reactivity is seen in competition radioimmunoassays. Reactivity with recombinant rat and human S100A1 and human S100A4 is reduced. This antibody does not react with recombinant human S100A2 in immunoblots. Cross-reactivity with other members of the S100 family has not been investigated.

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

APPLICATIONS

This antibody may be used in immunohistochemistry, immunocytochemistry, radioimmunoassays, and Western blots to detect or quantitate S100B.

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.