

Product datasheet for R1059

ansB Rabbit Polyclonal Antibody

Product data:

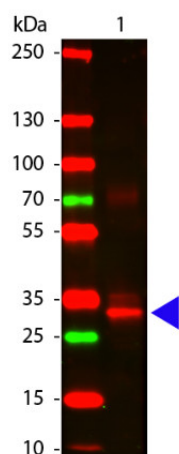
Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunohistochemistry, Immunoprecipitation and most immunological methods requiring high titer and specificity. <i>Recommended Dilutions</i> ELISA: 1/20,000-1/100,000. Western Blot: 1/2,000-1/10,000.
Reactivity:	Escherichia coli
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Asparaginase from <i>E. coli</i>
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Asparaginase [<i>E. coli</i>]. Cross reactivity against Asparaginase from other tissues and species may occur but have not been specifically determined.
Formulation:	0.02M Potassium phosphate, 0.15M Sodium Chloride, pH 7.2 State: Serum State: Lyophilized antiserum Stabilizer: None Preservative: None
Reconstitution Method:	Restore with 2.0 ml of deionized water or equivalent.
Concentration:	lot specific
Purification:	Prepared from monospecific antiserum by delipidation and defibrination
Conjugation:	Unconjugated



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Storage:	Store vial at 2-8°C prior to restoration. Centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or below. Avoid repeated freezing and thawing. Dilute only prior to immediate use.
Stability:	Shelf life: one year from despatch.
Database Link:	P00805
Background:	Asparaginase is an enzyme purified from <i>E. coli</i> and <i>Erwinia carotovora</i> . It acts by deaminating extracellular L asparagine, an amino acid that appears to be essential for protein synthesis by some tumour cells which are unable to synthesise asparagine. Asparaginase from <i>Erwinia carotovora</i> is serologically and biochemically distinct from asparaginase from <i>E. coli</i> , although its antineoplastic activity and toxicity is similar. Asparaginase is usually considered to be cell cycle phase nonspecific, but it may block some cells in G1 or S phase. Asparaginase reduces cellular and humoral immunity. <i>E. coli</i> contains two L asparaginase isoenzymes: L asparaginase I, a low affinity enzyme located in the cytoplasm, and L asparaginase II, a high affinity secreted enzyme.
Synonyms:	ansA, L-asparaginase I, L-ASNase I

Product images:



Western Blot of Rabbit anti-L-Asparaginase Antibody.

Lane 1: L-Asparaginase. **Lane 2:** none. **Load:** 100 ng per lane. **Primary antibody:** L-Asparaginase antibody at 1/1000 for overnight at 4°C.

Secondary antibody: DyLight™ 649 Rabbit secondary antibody at 1/20,000 for 30 min at RT.

Block: MB-070 for 30 min at RT.

Predicted/Observed size: 32 kDa for L-Asparaginase. Other band(s): L-Asparaginase splice variants and isoforms.