NGAL (Pig) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 254524
Unit: 0.2 mg

Description:
Pig NGAL, so called because it is the ortholog of human neutrophil gelatinase-associated lipocalin (NGAL), is also called lipocalin 2 or siderocalin. It is expressed by neutrophils and various epithelial cells, including cells of the renal proximal tubules. It is involved in physiological processes such as the binding of siderophore iron and tissue growth and regeneration. It is upregulated in a variety of pathological situations including infection, inflammation, ischemia-reperfusion and in certain adenocarcinomas. This antibody binds to pig NGAL and shows no cross-reaction with human, rat, dog and mouse NGAL.

Isotype: Mouse IgG1
Applications: E, WB
Species Reactivity: P
Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.
Alternate Names: NGAL; p25; 25kDa alpha-2-microglobulin-related subunit of MMP-9; neutrophil gelatinase-associated lipocalin; siderocalin
Accession No.: P80188

Antigen: Recombinant pig NGAL adsorbed on aluminum hydroxide gel.
Application Notes: Product Cat. No. 254524 binds free pig NGAL in solution. Product Cat. No. 254524 (as capture antibody) forms a sandwich ELISA pair with Product Cat. No. 254523 (as biotinylated detection antibody) for measuring pig NGAL. E: 1:100-1:1000; WB: 1:100-1:500

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.