CD167a Antibody

Subcategory: Rabbit Polyclonal Antibody, FITC-conjugated Antibody
Cat. No.: 252261
Unit: 0.1 mg

Description:
DDR1 (Epithelial discoidin domain-containing receptor 1, CD167a) is a receptor tyrosine kinase involved in cell-cell interactions and recognition. It is expressed in epithelial cells especially in the kidney, lung, gastrointestinal tract, and brain, and more highly in human breast, ovarian, esophageal, and pediatric brain tumors. Types I-VI collagen all induce the autophosphorylation of DDR1. Collagen regulates the interaction of DDR1 with KIBRA (WWC1), activating MAPK; these events are involved in mammary gland development.

Isotype: Rabbit Ig
Applications: IF
Species Reactivity: H, M, R
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.
Alternate Names: Epithelial discoidin domain-containing receptor 1; Epithelial discoidin domain receptor 1; Tyrosine kinase DDR; Discoidin receptor tyrosine kinase; Tyrosine-protein kinase CAK; Cell adhesion kinase; TRK E; Protein-tyrosine kinase RTK 6; CD167a antigen; HGK2; DDR1; EDDR1; NEP; NTRK4; PTK3A; RTK6; TRKE
Accession No.: Q08345

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N/C-term region of human CD167a.
Application Notes: IF: 1:20-1:100; Ex: 490-495 nm, Em: 520-530 nm

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.