

CD31 Rabbit pAb

db3308

Package : 20μL 50μL 100μL

Product Name : CD31 Rabbit pAb**Cat.No.:** db3308**Synonyms** : Cd31; Pecam; C85791; PECAM-1**Application** : IHC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

Cell adhesion molecule which is required for leukocyte transendothelial migration (TEM) under most inflammatory conditions. Tyr-679 plays a critical role in TEM and is required for efficient trafficking of PECAM1 to and from the lateral border recycling compartment (LBRC) and is also essential for the LBRC membrane to be targeted around migrating leukocytes. Prevents phagocyte ingestion of closely apposed viable cells by transmitting 'detachment' signals, and changes function on apoptosis, promoting tethering of dying cells to phagocytes (the encounter of a viable cell with a phagocyte via the homophilic interaction of PECAM1 on both cell surfaces leads to the viable cell's active repulsion from the phagocyte. During apoptosis, the inside-out signaling of PECAM1 is somehow disabled so that the apoptotic cell does not actively reject the phagocyte anymore.

Immunogen

Recombinant protein of mouse CD31

Gene ID

18613

Swiss Prot

Q08481

Synonyms

Cd31; Pecam; C85791; PECAM-1

Reactivity

Human, Mouse, Rat

Application

IHC

Recommended dilution

IHC: 1:20-1:500

Calculated MW

83 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.