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.