Recombinant DGRmAb®

CD31 (DGR14419) Rabbit mAb (PBS Only)

db15307-PBS **Package : 10μg 100μg**

Product Name : CD31 (DGR14419) Rabbit mAb (PBS Only)
Cat.No.: db15307-PBS
Synonyms : Cd31; Pecam; C85791; PECAM-1
Application : IHC-P
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-P
Calculated MW	83 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14419
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.