Anti-Human/Mouse/Rat COLEC12 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02799

3th Edition

Description: This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. This protein is a scavenger receptor, a cell surface glycoprotein that displays several functions associated with host defense. It can bind to carbohydrate antigens on microorganisms, facilitating their recognition and removal. It also mediates the recognition, internalization, and degradation of oxidatively modified low density lipoprotein by vascular endothelial cells.

Antigen: Synthetic peptide of human COLEC12

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in perivascular macrophages. Expressed in plaques-surrounding reactive astrocytes and in perivascular astrocytes associated with cerebral amyloid angiopathy (CAA) in the temporal cortex of Alzheimer patient (at protein level). Strongly expressed in placenta. Moderately expressed in heart, skeletal muscle, small intestine and lung. Weakly expressed in brain, colon, thymus and kidney. Expressed in nurse-like cells. Expressed in reactive astrocytes and vascular/perivascular cells in the brain of Alzheimer patient.