

Recombinant

LAG-3 (BP6192) Rabbit mAb

db30159

Package : 100μL

Product Name : LAG-3 (BP6192) Rabbit mAb**Cat.No.:** db30159**Synonyms :** CD223**Application :** IHC, WB**Reactivity :** Human**Host species :** Rabbit**Background**

Lymphocyte activation gene 3 (LAG-3, CD223) is an immune checkpoint control protein that negatively regulates T cells and immune responses. A CD4-like member of the Ig superfamily, LAG3 contains an extracellular IgV and three IgC domains, a transmembrane domain, and a short cytoplasmic region. LAG3 is primarily expressed by activated CD4+ T cells, CD8+ T cells, Tregs and NK cells, where it's activated by MHC Class II molecules, its only known ligand. While it was initially shown to activate Treg cells, LAG3 can also inhibit CD8+ T cells.

Immunogen

Synthetic peptide within Human LAG-3

Swiss Prot

P18627

Synonyms

CD223

Reactivity

Human

Application

IHC, WB

Recommended dilution

IHC: 1:100-1:200

Calculated MW

57 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

BP6192

Isotype

IgG

Purity

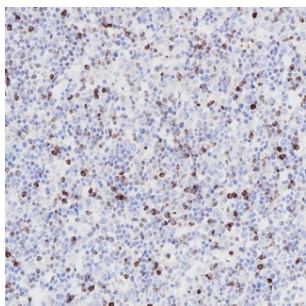
Affinity Purification

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.



Immunohistochemistry of paraffin-embedded human lymphoma using LAG-3 antibody at dilution of 1:200 (200x lens).