SLAMF7 Polyclonal Antibody

catalog number: **E-AB-52145**

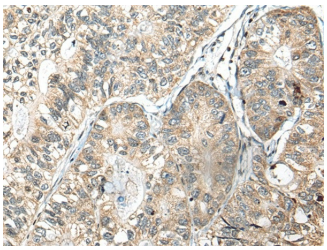
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Fusion protein of human SLAMF7
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:30-1:150

Data



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using SLAMF7 Polyclonal Antibody at dilution of 1:30(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family.SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response.Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2.Isoform 1 mediates NK cell activation through a SH2D1A-independent extracellular signal-regulated ERK-mediated pathway (PubMed:11698418).Positively regulates NK cell functions by a mechanism dependent on phosphorylated SH2D1B.Downstream signaling implicates PLCG1, PLCG2 and PI3K (PubMed:16339536).In addition to heterotypic NK cells-target cells interactions also homotypic interactions between NK cells may contribute to activation.However, in the absence of SH2D1B, inhibits NK cell function.Acts also inhibitory in T-cells (By similarity).May play a role in lymphocyte adhesion (PubMed:11802771).In LPS-activated monocytes negatively regulates production of proinflammatory cytokines (PubMed:23695528).

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