
ULBP3 Rabbit pAb

Catalog Number: bs-2730R

Target Protein: ULBP3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Reactivity: (predicted:Human)

Predicted MW: 25 kDa

Entrez Gene: 79465

Swiss Prot: Q9BZM4

Source: KLH conjugated synthetic peptide derived from human ULBP3: 101-200/244.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: ULBP3 is a human ligand for the NKG2D receptor, together with at least ULBP1 and ULBP2. ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of cytokines and chemokines. Binding of ULBPs ligands to NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway. ULBP3 has a lower affinity for NKG2D compared to ULBP1 and ULBP2 and induces weaker signaling responses than does ULBP2 or ULBP1.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.6] Wanze Zhang, et al. Novaferon gene modification promotes NK92 cell anti-tumor activity. INT IMMUNOPHARMACOL. 2023 Sep;122:110613 WB ; Human . 37421776