Datasheet for ABIN7602564

anti-B7-H6 antibody (AA 85-386)

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Overview

Quantity:	100 µg
Target:	B7-H6 (NCR3LG1)
Binding Specificity:	AA 85-386
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B7-H6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-B7H6/NCR3LG1 Antibody Picoband®
Immunogen:	E.coli-derived human B7H6/NCR3LG1 recombinant protein (Position: H85-D386).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-B7H6-NCR3LG1 Antibody Picoband® (ABIN7602564). Tested in WB, IHC, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	B7-H6 (NCR3LG1)
Alternative Name:	NCR3LG1 (NCR3LG1 Products)
Background:	Synonyms: NCR3LG1, B7H6, Natural cytotoxicity triggering receptor 3 ligand 1, B7 homolog 6, B7-H6 Background: B7H6 belongs to the B7 family (see MIM 605402) and is selectively expressed on tumor cells. Interaction of B7H6 with NKp30 (NCR3, MIM 611550) results in natural killer (NK) cell activation and cytotoxicity.
Molecular Weight:	90 kDa
Gene ID:	374383
UniProt:	Q68D85

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL 1. Brandt, C. S., Baratin, M., Yi, E. C., Kennedy, J., Gao, Z., Fox, B., Haldeman, B., Ostrander, C. D., Kaifu, T., Chabannon, C., Moretta, A., West, R., Xu, W., Vivier, E., Levin, S. D. The B7 family member B7-H6 is a tumor cell ligand for the activating natural killer cell receptor NKp30 in humans. J. Exp. Med. 206: 1495-1503, 2009. 2. Li, Y., Wang, Q., Mariuzza, R. A. Structure of the human activating natural cytotoxicity receptor NKp30 bound to its tumor cell ligand B7-H6. J. Exp. Med. 208: 703-714, 2011.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

Handling

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.