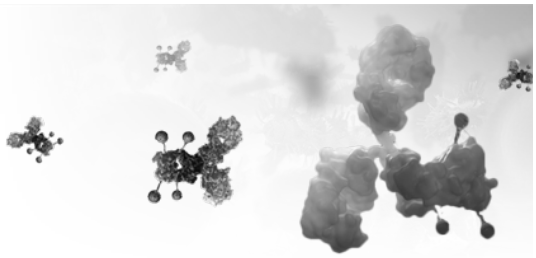

Mouse Anti-Human B7-H6 Monoclonal Antibody, clone 17B1.3 (CABT-Z748M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	17B1.3 reacted with human tumour cell lines constitutively expressing B7-H6 such as HeLa cells. Fab 17B1.3 does not interfere with the binding of B7-H6 to NKp30, but nevertheless blocks NK cell activation.
Immunogen	Extracellular domain of human B7-H6
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	17B1.3
Purification	Protein A purified
Conjugate	Unconjugated
Applications	IF, FC
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	PBS with 0.02% Proclin 300.
Storage	Store at -20°C long term. Avoid freeze / thaw cycle. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.

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Ship	Wet ice

BACKGROUND

Introduction	B7-H6 (also known as B7 homolog 6 or Natural cytotoxicity triggering receptor 3 ligand 1) is a single-pass membrane protein encoded by the NCR3LG1 or B7H6 gene (Entrez Gene ID 374383) in human. B7-H6 belongs to the B7 family of structurally related cell-surface ligands, which bind to receptors on lymphocytes that regulate immune responses. The natural cytotoxicity receptor NCR3/NKp30 is involved in NK-cell–mediated killing of various tumor cell lines. B7-H6 is identified as the NKp30 ligand on cancer cells, while normal tissues were reported to lack B7-H6 transcripts. Decreased NKp30 expression is reported to correlate with poor prognosis and survival among patients with acute myeloid leukemia (AML). Class I histone deacetylases HDAC2 & HDAC3 are reported to be involved in B7-H6 transcription activation, and HDAC inhibitors are found to impair tumor cell recognition by NK cells.
Keywords	NCR3LG1;natural killer cell cytotoxicity receptor 3 ligand 1;B7H6;DKFZp686O24166;natural cytotoxicity triggering receptor 3 ligand 1

GENE INFORMATION

Gene Name	NCR3LG1
Entrez Gene ID	374383
UniProt ID	Q68D85

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