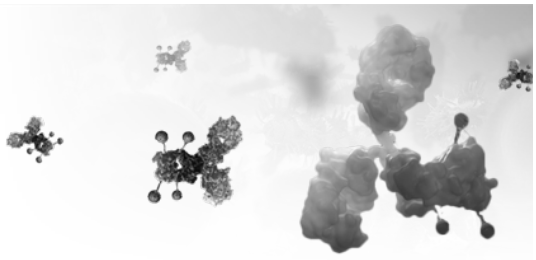

Human Anti-Human B7-H3 (8H9) Monoclonal antibody, clone 8H9 (CABT-CS540)

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

PRODUCT INFORMATION

Specificity	CD276
Target	CD276
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	8H9
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	1 mg
Buffer	PBS, pH 7.4. Contains no stabilizers or preservatives
Preservative	None
Storage	2 weeks, 2-8°C under sterile conditions after reconstitution. Avoid repeated freeze-thaw. -80°C for a long-term storage.

BACKGROUND

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Introduction	CD276 is a member of the B7 family of co-stimulatory molecules also known as B7-H3. CD276 is a type I transmembrane protein that induces the proliferation of CD4+ and CD8+ T cells, enhances the generation of cytotoxic T cells and selectively stimulates the production of interferon gamma. Expression of CD276 can be induced on dendritic cells and monocytes by inflammatory cytokines, and is also widely expressed in peripheral tissues including the heart, kidney, testis and colon. In humans, CD276 exists as two isoforms which result from gene duplication and differential splicing. CD276 is reported to have therapeutic potential for the regulation of cell-mediated immune responses to cancer, particularly in conjunction with anti-angiogenic therapy.
Keywords	B7-H3; CD276; B7 homolog 3

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