

DATASHEET

B7H4 Mouse Monoclonal Antibody (ARM599)

CAT. NO. ARM6890

KEY FEATURES

Target	B7H4	Clone ID	ARM599
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:50-1:200
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

B7-H4 is a glycosylated transmembrane protein of the B7 family. It binds to activated T cells to moderate the T cell responses via cell cycle arrest in the T cell. Reverse signaling can induce either cell cycle arrest or apoptosis in the B7-H4 expressing cell. B7-H4 is up-regulated in several carcinomas in correlation with tumor progression and metastasis. A soluble form of B7-H4 is elevated in the serum of ovarian cancer, renal cell carcinoma, and rheumatoid arthritis patients, also in correlation with advanced disease status.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:50-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG2b
Positive Control	Breast
Localization	Membranous / Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	VTCN1
Entrez Gene ID	79679
Uniprot	Q7Z7D3
Alternative Names	B7x, VTCN1, B7-H4

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

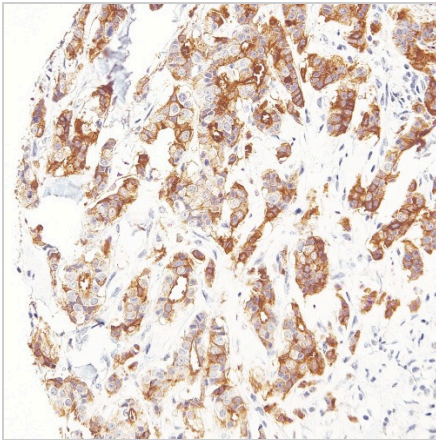
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

DATA

Immunohistochemical staining of human breast tissue using B7H4 Mouse Monoclonal Antibody (ARM599).

RESEARCH USE ONLY

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / b7h4-mouse-monoclonal-antibody-arm599-arm6890](http://www.arexbio.com/b7h4-mouse-monoclonal-antibody-arm599-arm6890)