

## Product Datasheet

### B7-H4 Antibody (orb19600)

<b>Catalog Number</b>	orb19600
<b>Category</b>	Antibodies
<b>Description</b>	Goat polyclonal antibody to VTCN1
<b>Target</b>	B7-H4
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Canine, Mouse, Rat
<b>Buffer/Preservatives</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Protein Sequence</b>	SKGKGNANLEYK
<b>RRID</b>	AB_10748829
<b>MW</b>	30.9; 20.7
<b>Tested applications</b>	ELISA, FC, IF, WB
<b>Dilution range</b>	ELISA: 1:64000, WB: 0.1-1 µg/ml, IHC-P: 10ug/ml

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**Application notes**

ELISA: Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx. 60kDa band observed in Human Lung, Spleen and Thymus lysates (calculated MW of 30.9kDa according to NP\_078902.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Simon et al, Cancer Res. 2006 Feb 1;66(3):1570-5.; PMID: 16452214). In transfected HEK293 transiently expressing B7-H4 the band of approx. 60kDa is also observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.3-1 µg/ml.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

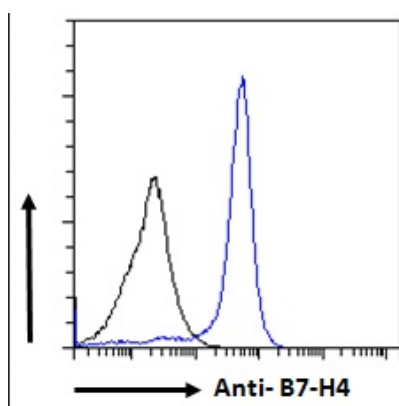
For research use only

**Entrez**

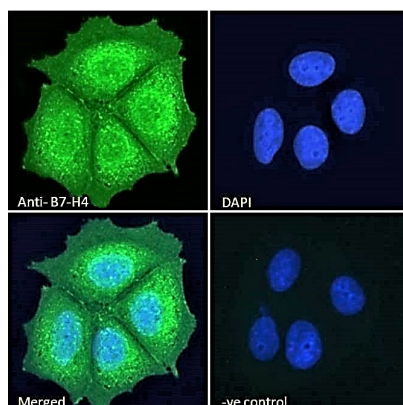
**79679**

**Expiration Date**

12 months from date of receipt.



Flow cytometric analysis of paraformaldehyde fixed MCF7 cells using VTCN1 antibody.



Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells using VTCN1 antibody.

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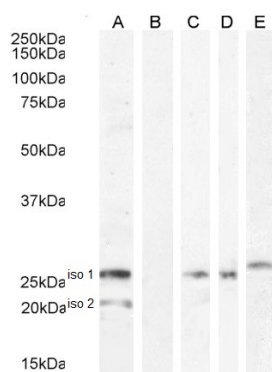
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Western blot analysis of HEK293 iso 1 + iso 2 cell lysate (lane 1) + peptide (lane 2). Human Adrenal Gland iso 1 (lane 3), Human Adrenal Gland iso 2 (lane 4) and Human pancreas iso 1 (lane 5) lysate using VTCN1 antibody.

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