

## AVPR1B

### Vasopressin V1b receptor

<b>Catalog No.</b>	CSH1103MP	<b>Quantity:</b>	10 mg
	CSH1103PR		50 µg

**Alternate Names:** Arginine Vasopressin Receptor 1B, V1bR, AVPR V1b, AVPR V3, Antidiuretic hormone receptor 1b, Vasopressin V3 receptor, VPR3

**Description:** Human Arginine Vasopressin Receptor V1B (AVPR1B) is one of the three major receptor types for vasopressin (AVPR1A and AVPR2 being the others). The activity of this receptor is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor is primarily located in the anterior pituitary, where it stimulates ACTH release. It is expressed at high levels in ACTH-secreting pituitary adenomas as well as in bronchial carcinoids responsible for the ectopic ACTH syndrome.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

**Gene ID:** 553

**UniProtKB:** P47901

**Format:** Cell line, membrane preparation, or purified protein

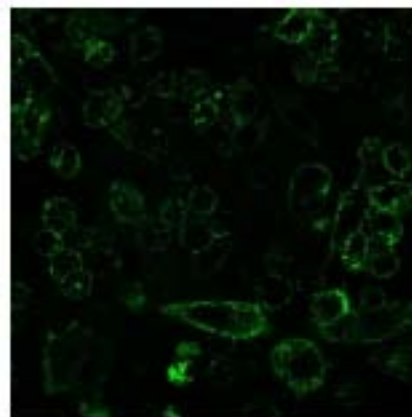
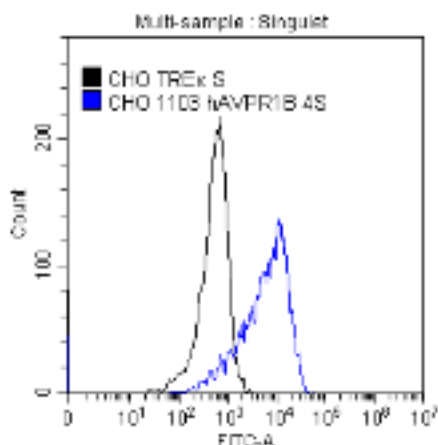
**Source:** HEK 293 or CHO cells

**Characterization:** Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.

**Affinity Tag Options:** 4S: 2 x TwinStrep Tag at amino-terminus

Human AVPR1B receptor was stably overexpressed in CHO cells and expression was assessed by flow cytometry with Strep-Tactin Chromeo 488

Human AVPR1B receptor was stably overexpressed in CHO cells and expression was assessed by immunostaining with Strep-Tactin Chromeo 488



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