

Datasheet for ABIN7600657  
**anti-OGFR antibody (AA 217-427)**



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## Overview

Quantity:	100 µg
Target:	OGFR
Binding Specificity:	AA 217-427
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OGFR antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-Ogfr Antibody Picoband®
Immunogen:	E.coli-derived mouse Ogfr recombinant protein (Position: H217-K427).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Ogfr Antibody Picoband® (ABIN7600657). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	OGFR
Alternative Name:	Ogfr ( <a href="#">OGFR Products</a> )
Background:	<p>Synonyms: ELAV-like protein 2, ELAV-like neuronal protein 1, Hu-antigen B, HuB, Nervous system-specific RNA-binding protein Hel-N1, ELAVL2, HUB</p> <p>Tissue Specificity: Brain, neural-specific.</p> <p>Background: Opioid growth factor receptor, also known as OGFr or the <math>\zeta</math>-opioid receptor, is a protein which in humans is encoded by the OGFR gene. Predicted to enable G protein-coupled opioid receptor activity. Predicted to act upstream of or within regulation of growth. Predicted to be located in cytoplasm, membrane, and nucleus. Is expressed in genitourinary system and metanephros. Orthologous to human OGFR (opioid growth factor receptor).</p>
Molecular Weight:	110 kDa
Gene ID:	72075

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 <math>\mu\text{g/mL}</math>, Mouse</p> <p>Flow Cytometry (Fixed), 1-3 <math>\mu\text{g}/1 \times 10^6</math> cells, Mouse</p> <p>ELISA, 0.1-0.5 <math>\mu\text{g/mL}</math>, -</p> <p>1. Zagon, I. S., Verderame, M. F., Allen, S. S., McLaughlin, P. J. Cloning, sequencing, chromosomal location, and function of cDNAs encoding an opioid growth factor receptor (OGFr) in humans. Brain Res. 856: 75-83, 2000.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 $\mu\text{g/mL}$ .
Concentration:	500 $\mu\text{g/mL}$
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg $\text{Na}_2\text{HPO}_4$ .
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.</p>