

Anti-Parathyroid Hormone Receptor 1/PTH1R antibody [EPR15892] - BSA and Azide free ab251008

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-Parathyroid Hormone Receptor 1/PTH1R antibody [EPR15892] - BSA and Azide free
Description	Rabbit monoclonal [EPR15892] to Parathyroid Hormone Receptor 1/PTH1R - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab251008 is the carrier-free version of ab189924.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Clonality	Monoclonal
Clone number	EPR15892
Isotype	IgG

Applications

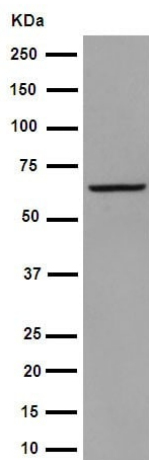
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251008 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 66 kDa (predicted molecular weight: 66 kDa).
IP		Use at an assay dependent concentration.

Target

Function	Receptor for parathyroid hormone and for parathyroid hormone-related peptide. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system.
Tissue specificity	Expressed in most tissues. Most abundant in kidney, bone and liver.
Involvement in disease	Jansen metaphyseal chondrodysplasia Chondrodysplasia Blomstrand type Enchondromatosis multiple Eiken skeletal dysplasia Primary failure of tooth eruption
Sequence similarities	Belongs to the G-protein coupled receptor 2 family.
Cellular localization	Cell membrane.

Images



Western blot - Anti-Parathyroid Hormone Receptor 1/PTH1R antibody [EPR15892] - BSA and Azide free (ab251008)

Anti-Parathyroid Hormone Receptor 1/PTH1R antibody [EPR15892] ([ab189924](#)) at 1/10000 dilution + HeLa cell lysate at 20 µg

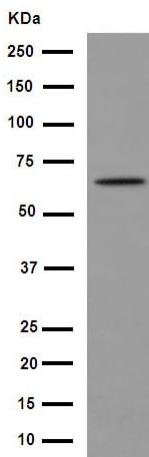
Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 66 kDa

Observed band size: 66 kDa

This data was developed using [ab189924](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-Parathyroid Hormone Receptor 1/PTH1R antibody [EPR15892] - BSA and Azide free (ab251008)

Anti-Parathyroid Hormone Receptor 1/PTH1R antibody [EPR15892] ([ab189924](#)) at 1/1000 dilution + Saos2 cell lysate at 10 µg

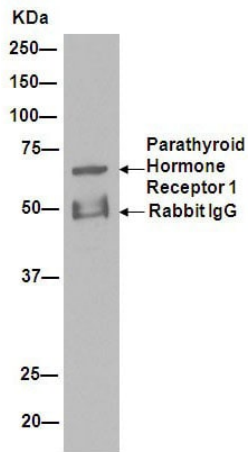
Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 66 kDa

Observed band size: 66 kDa

This data was developed using [ab189924](#), the same antibody clone in a different buffer formulation.



This data was developed using **ab189924**, the same antibody clone in a different buffer formulation. Western blot analysis of Parathyroid Hormone Receptor 1/PTH1R in HeLa lysate immunoprecipitated using **ab189924** at 1/50 dilution. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution.

Immunoprecipitation - Anti-Parathyroid Hormone Receptor 1/PTH1R antibody [EPR15892] - BSA and Azide free (ab251008)

Why choose a recombinant antibody?

 Research with confidence Consistent and reproducible results	 Long-term and scalable supply Recombinant technology
 Success from the first experiment Confirmed specificity	 Ethical standards compliant Animal-free production

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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