

Product datasheet

Anti-Luteinizing Hormone beta antibody [L1] ab82697

Overview

Product name	Anti-Luteinizing Hormone beta antibody [L1]
Description	Mouse monoclonal [L1] to Luteinizing Hormone beta
Host species	Mouse
Specificity	ab82697 has high affinity for the beta chain of Luteinizing Hormone. No cross reaction is seen with FSH, TSH or HCG.
Tested applications	Suitable for: WB, ELISA, Sandwich ELISA
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) (Human)

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.05% Sodium Azide Constituents: 0.15M Sodium chloride, 10mM Tris, pH 7.5
Purity	Ion Exchange Chromatography
Clonality	Monoclonal
Clone number	L1
Myeloma	Sp2/0
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab82697** 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 dilution. Predicted molecular weight: 15 kDa.
ELISA		Use at an assay dependent dilution.

Application	Abreviews	Notes
Sandwich ELISA		Use at an assay dependent dilution.

Target

Function	Promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids.
Tissue specificity	Pituitary gland.
Involvement in disease	Defects in LHB are a cause of hypogonadism LHB-related (HGON-LHB) [MIM:152780]. Hypogonadism is characterized by infertility and pseudohermaphroditism.
Sequence similarities	Belongs to the glycoprotein hormones subunit beta family.
Cellular localization	Secreted.

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