abcam

Product datasheet

Anti-ID2 antibody [2457C5a] ab53545

★★★★★ 1 Abreviews 1 References 1 Image

Overview

Product name	Anti-ID2 antibody [2457C5a]
Description	Mouse monoclonal [2457C5a] to ID2
Host species	Mouse
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Recombinant fragment
Immunogen	Recombinant human ID2
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 1% BSA, 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, PBS
Purity	Protein G purified
Purification notes	ab53545 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum and filtered through a 0.22µm membrane.
Clonality	Monoclonal
Clone number	2457C5a
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab53545 in the following tested applications.

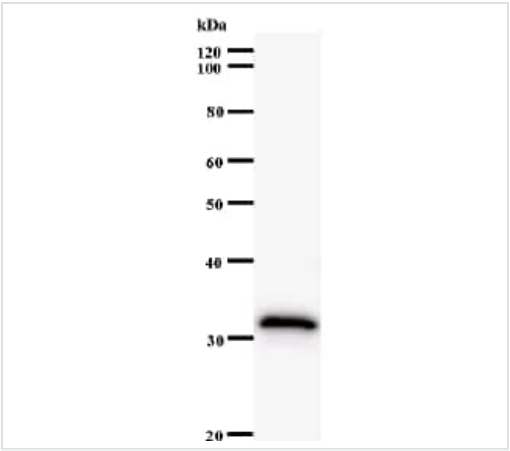
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ **(1)**	Use at an assay dependent concentration. Detects a band of approximately 32 kDa (predicted molecular weight: 15 kDa).

Target

Function	ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. ID-2 may be an inhibitor of tissue-specific gene expression.
Tissue specificity	Highly expressed in early fetal tissues, including those of the central nervous system.
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Developmental stage	Found in most early fetal tissues but not in the corresponding mature tissues.
Cellular localization	Cytoplasm. Nucleus.

Images



Western blot - Anti-ID2 antibody [2457C5a] (ab53545)

Anti-ID2 antibody [2457C5a] (ab53545) + immunised recombinant protein

Predicted band size: 15 kDa
Observed band size: 32 kDa

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