

## Product datasheet

### ID2 overexpression 293T lysate (whole cell) ab94214

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#### Overview

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<b>Product name</b>	ID2 overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94214 is a 293T cell transfected lysate in which Human ID2 has been transiently over-expressed using a pCMV-ID2 plasmid. The lysate is provided in 1X Sample Buffer.
<b>Tested applications</b>	<b>Suitable for:</b> WB

#### Properties

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<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
<b>Background</b>	Developmental stage: Found in most early fetal tissues but not in the corresponding mature tissues. 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. Similarity: Contains 1 basic helix-loop-helix (bHLH) domain. Tissue specificity: Highly expressed in early fetal tissues, including those of the central nervous system.

#### Applications

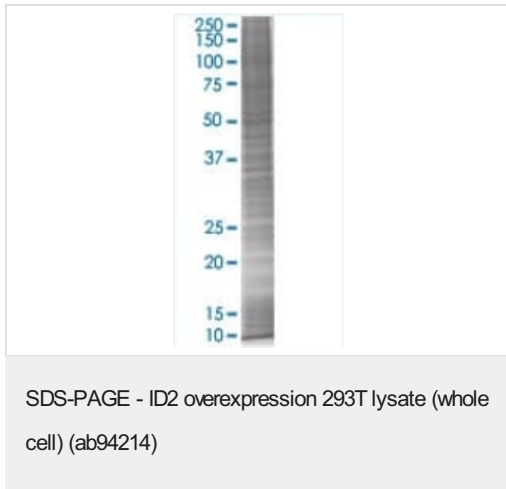
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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab94214 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

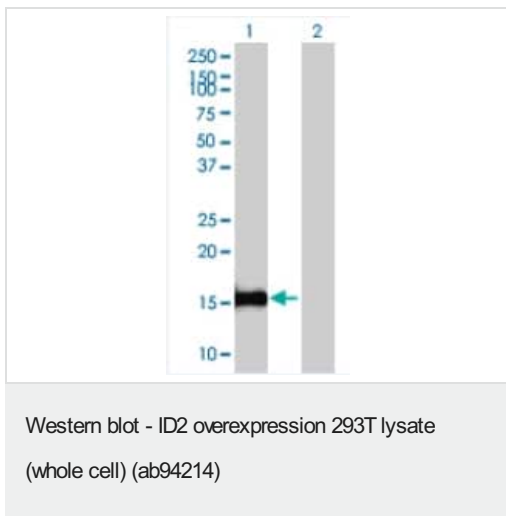
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

#### Images

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ab94214 at 15µg/lane on an SDS-PAGE gel.



**All lanes** : Anti-ID2 antibody (**ab89530**) at 1/500 dilution

**Lane 1** : ID2 overexpression 293T lysate (whole cell) (ab94214)

**Lane 2** : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

**Secondary**

**All lanes** : Goat Anti-mouse IgG (H and L) HRP conjugate at 1/2500 dilution

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

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