

Cat. No:	AB-81702
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1050-1214 of human ZEB2.
Reactivity:	Hu,Ms,Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	126kDa
Purification:	Aff. Pur.
Synonyms:	ZEB2;HSPC082;SIP-1;SIP1;SMADIP1;ZFHX1B
Background:	The protein encoded by this gene is a member of the Zfh1 family of 2-handed zinc finger/homeodomain proteins. It is located in the nucleus and functions as a DNAbinding transcriptional repressor that interacts with activated SMADs. Mutations in this gene are associated with Hirschsprung disease/Mowat-Wilson syndrome. Alternatively, spliced transcript variants have been found for this gene.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of HepG2 cells, using ZEB2 antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit
Exposure time: 3min.



Immunohistochemistry of paraffin embedded rat brain using ZEB2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin embedded mouse brain using ZEB2 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin embedded human breast using ZEB2 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of C6 cells using ZEB2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ZEB2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

**For Research use only
IMMUNOLOGICAL SCIENCES**