

## ARG63175 anti-GRB2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes GRB2
Tested Reactivity	Hu, Ms, Rat, Pig
Predict Reactivity	Cow, Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_002077.1 and NP_987102.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	GRB2
Species	Human
Immunogen	C-PRNYVTPVNRNV
Conjugation	Un-conjugated
Alternate Names	SH2/SH3 adapter GRB2; EGFRBP-GRB2; Adapter protein GRB2; MST084; MSTP084; Grb3-3; ASH; Growth factor receptor-bound protein 2; NCKAP2; Protein Ash

### Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 2 µg/ml
	WB	0.05 - 0.15 µg/ml

Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

**Background**

The protein encoded by this gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the Sem5 gene of *C.elegans*, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

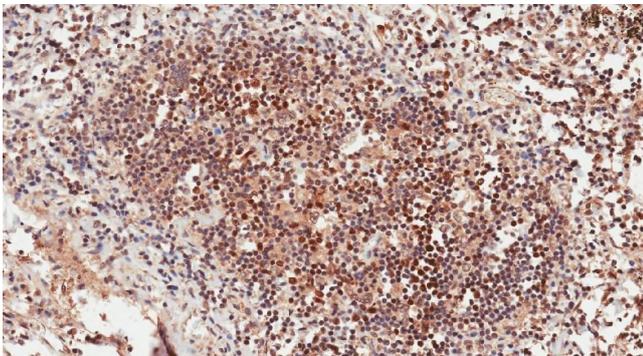
**Research Area**

Cancer antibody; Signaling Transduction antibody

**Calculated Mw**

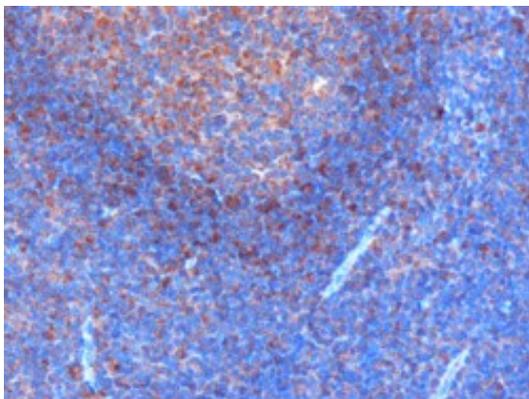
25 kDa

## Images



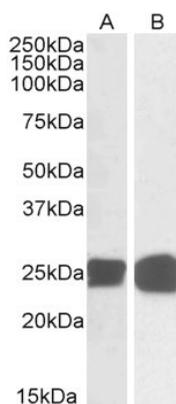
ARG63175 anti-GRB2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human lymph node tissue. Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63175 anti-GRB2 antibody at 1 µg/ml dilution followed by HRP-staining.



ARG63175 anti-GRB2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Tonsil. (Microwaved antigen retrieval with citrate buffer pH6) stained with ARG63175 anti-GRB2 antibody at 0.3 µg/ml dilution followed by HRP-staining.



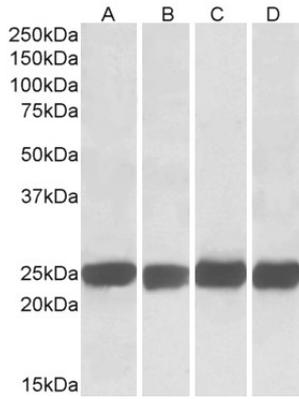
ARG63175 anti-GRB2 antibody WB image

Western blot: 35 µg of Human thymus (A) and MOLT-4 cell (B) lysates (in RIPA buffer) stained with ARG63175 anti-GRB2 antibody at 0.05 µg/ml dilution and incubated at RT for 1 hour.



#### ARG63175 anti-GRB2 antibody WB image

Western blot: 35  $\mu\text{g}$  of Human (A) and Pig (B) spleen lysates (in RIPA buffer) stained with ARG63175 anti-GRB2 antibody at 0.03  $\mu\text{g}/\text{ml}$  dilution and incubated at RT for 1 hour.



#### ARG63175 anti-GRB2 antibody WB image

Western blot: 35  $\mu\text{g}$  of Mouse brain (A), Rat brain (B), Mouse spleen (C) and Rat spleen (D) lysates (in RIPA buffer) stained with ARG63175 anti-GRB2 antibody at 0.05  $\mu\text{g}/\text{ml}$  dilution and incubated at RT for 1 hour.