

Immunotag™ Smurf Antibody

Antibody Specification	
Catalog No.	ITA7717
Product Description	Immunotag™ Smurf Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Smurf
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Smurf
Specificity	Smurf Antibody detects endogenous levels of total Smurf
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SMURF1
Accession No.	Q9HCE7
Alternate Names	E3 ubiquitin-protein ligase SMURF1; hSMURF1; KIAA1625; Smad specific E3 ubiquitin ligase 1; SMAD specific E3 ubiquitin protein ligase 1; Smad ubiquitination regulatory factor 1; SMAD-specific E3 ubiquitin-protein ligase 1; SMUF1_HUMAN; SMURF 1; smurf1;

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Description	E3 ubiquitin-protein ligase that acts as a negative regulator of BMP signaling pathway. Mediates ubiquitination and degradation of SMAD1 and SMAD5, 2 receptor-regulated SMADs specific for the BMP pathway. Promotes ubiquitination and subsequent proteasomal degradation of TRAF family members and RHOA. Promotes ubiquitination and subsequent proteasomal degradation of MAVS (PubMed:23087404). Plays a role in dendrite formation by melanocytes (PubMed:23999003).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	86 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.