

**Common Dietary Lectins and Agglutinins that bind to different body tissues and cells
from Food Allergy and Intolerance by Brostoff & Challacomb**

Cells with affinity to lectins	WGA	SBA	PNA	LCA	ABL	LEA	PSA	STA	PHA/ConA
Skin ✓ Sweat Glands #	✓ #	✓	✓	✓					✓
Nasopharyngeal epithelium	✓								
Endothelium (Blood & Lymph)	✓	✓	✓						
Mucosa: buccal ✓ Colonic #	✓ #	✓ #	✓ #	✓ #		✓			#
Salivary Gland ✓ IgA #	✓ #	✓	✓ #				#		
Tonsils	✓	✓							
Stomach ✓ / Parietal Cells #	✓	#	#			#			
Brunner's glands of duodenum	✓	✓							
GI brush border ✓ M Cells #	✓ #	✓ #		✓		✓ #		#	✓
Connective tissue	✓			✓			✓	✓	✓
Skeletal muscle ✓ Cartilage #	✓ #	✓ #	✓ #	✓			✓		
Thyroid ✓ Thyrotrophin #	✓	✓	✓	#				✓	✓
Cardiac muscle	✓	✓							
Liver ✓ Gallbladder	✓ #	✓ #	✓ #					#	✓ #
Pancreas	✓				✓				✓
Renal Glomerulus ✓ Tubules	✓ #	✓ #	✓ #	#			#		#
Prostate	✓		✓	✓					
WBC var. ✓ Mast C. # Pltlt &	# &			# &			#	&	✓ #
Cervix & Endometrium	✓	✓	✓						
Placenta	#								
Breast ✓ Labial Mucosa #	✓ #	✓ #	✓ #	#					
Amnion / Chrion	✓		✓	✓					
Eye ✓ Inner Ear #	✓ #	✓ #	✓	#			✓ #		✓ #
Brain (myelin) ✓ Pituitary #	✓		#	✓					✓
Axons	✓	✓	✓	✓			✓		

WGA = wheat germ agglutinin
SBA = Soy bean agglutinin
PNA = Peanut agglutinin
LCA = Lentil agglutinin

ABL = Mushroom agglutinin
LEA = Tomato agglutinin
PSA = Pea agglutinin
STA = Potato agglutinin

PHA = Phytohemagglutinin,
highest in kidney bean
ConA = Concanavalin A,
aka Jack bean agglutinin